

SYDNEY TECHNICAL HIGH SCHOOL JOURNAL

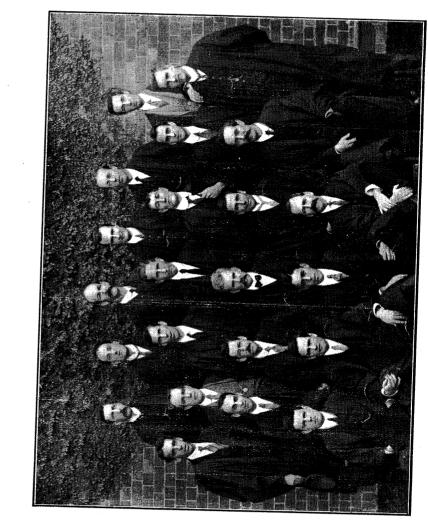


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MAY, 1916

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Sydney Technical High School Staff, 1915.



# Techniqal High School Journal

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#### EDITORIAL.

HE long-delayed appearance of this Journal has been due to a number of excellent reasons. Recognising, as we all did, the part that a paper may be made to play in the life of a secondary school, we still felt that in a new school such as ours was in 1912, there were many other activities calling upon our efforts and our funds.

Our first two years saw the expenditure of considerable sums in providing the nucleus of a reference library for the seniors, and a fairly copious supply of entertaining literature for the younger boys.

In 1914, with a large number of boys in the Third Year Classes, the establishment of a Journal was once more discussed. Funds were available, and arrangements well in hand, when—well, we all remember the end of July and the early days in August, 1914. The School funds were drawn upon for the best of causes, and publication once more postponed.

Now that we have a number of ex-pupils at the University, and an ever-growing and very live Old Boys' Union, the value of a Journal of our own becomes more and more apparent. It is our hope that this first issue may form a link between the past and the present, reminding all interested in the School of its traditions and of its hopes for the future.

Later issues will be whatever our boy contributors make it. The columns are open to all, and First Year boys are reminded that their efforts are not judged by the same standards as those of Pater and Stevenson. Our aim is to encourage boys to express themselves as well as they can on subjects in which they are interested. No class representative should rest content until he has persuaded every member of his class to contribute in some way.

A word of acknowledgement is due to all who have contributed to this issue. It may, however, not be an invidious distinction to make special mention of the work of Mr. F. W. Atkins, F.T.C., our drawing master, to whom is due the credit of designing our cover, symbolising, as it does, that attention to both mental and physical culture without which "the sound mind in the sound body" cannot be expected.

# SOME GLEANINGS ON THE TECHNICAL HIGH SCHOOL. Its Aims and Methods.

What are the present day needs of Australia? What can the Technical High School do to help to meet the demands? In answering these questions, the following quotation from an address by the Chief Inspector of Schools, Mr. J. Dawson, M.A., is specially helpful:—"If young Australia felt itself unable to make these advances in primary, technical, or University education, then young Australia would not hold this country. To hold the country, young Australia must make itself fit to hold it. The country was too great to be held by a nation unfit or unworthy to hold it. They were only a handful of people, and to retain this great country, they must make themselves worthy of it, and the only way to do that was by education."

Australia is a comparatively unpeopled land of great natural resources and potentialities. The responsibilities of its people are, therefore, very great, and they (the people) must render an account of their stewardship. It is incumbent on them to discover these re-

sources, and use them to the benefit of themselves and of mankind. Will power (character, grit, etc.), coupled with scientific knowledge, will find these good things which the Creator has provided. "Seek and ye shall find; knock, and it shall be opened unto you." Science will indicate the way in which they are to be made available for man's use. It will quicken, cheapen, and refine the process of production, and, combined with art, will give the greatest value to the product.

Young Australia must make use of, or conquer, its environment. Man is not the creature of environment, but it is through the action and reaction of mind and environment that the mind or soul will realise itself, and win through to freedom and worthiness. Australia is not the only environment which young Australia must take into account. A people cannot live its complete life apart from other peoples, any more than a man can fully function apart from society. It must exchange products with them, and it must exploit them for its own good, but not necessarily to their detriment, as the Germans have done. It must, however, guard against injustice at their hands. Young Australia must, therefore, be, if not their superior, then at least their equals, physically, mentally, morally.

Does young Australia's environment end here? Does the past condition it? If we are not our ancestors, at least we are the "heirs of all the ages," but we must seek and claim our inheritance, although, like the heirs in the story, we may find it in unexpected places.

Finally, Australia must have a growing organisation, in order to refficiently discharge these obligations. This organisation we call the "State," and young Australia must play his part, intelligently and loyally, in this connection.

The Technical High School, being part of such a system, can, within its sphere, enable its pupils to help in the developments of their great inheritance. It has to train youths, from the age of thirteen, for the industries and professions of engineering (civil, mechanical, mining, electrical, sanitary, and architectural), architecture, draftsmanship, science, chemistry, chemical technology (metallurgy, assaying, etc.), and other professions to which mathematics, science and drawing are fundamental.

In order to understand fully the work of the Technical High School, we must bear in mind the classes of persons engaged in a trade or industry:—(1) Workmen or journeymen; (2) foremen or overseers; (3) managers or masters. The T.H.S. has to do with the two latter groups. It must keep in view the fact that its alumni are likely to be the "captains of industry." It gives them a general and a technical education, and a due balance between these two is

preserved throughout the course. It always has in mind the possibility that its pupils' "school" days may end when they leave the school, and they therefore strive to put them in possession of sufficient of the "technique" of all their subjects to enable them to profitably pursue them for themselves

Their physical development is amply provided for by a scientific system of physical drill exercises, practised daily. These are supplemented by an organised system of sports. Wednesday afternoon is set apart for football, cricket, baseball, tennis, and swimming, in their proper seasons, and each boy is encouraged and taught to take part in one sport or another. The School has also two Companies of Junior Cadets, and three full Companies of Seniors, whose drill aids materially in the physical training of its members. Life-saving and first-aid is taught by experts on the Staff, and a visiting medical practitioner.

Studies in the mother tongue give an exact appreciation of the true meaning of words and their relationships, and the habit of exact thinking. Practice in speaking in class, in the Literary and Debating Society, and in the club meetings, enable pupils to express their thoughts readily and clearly.

Through the medium of its English, History, and Geography courses, the School widens its pupils' outlook upon the world, and upon mankind, and leads them to a conception of the brotherhood of man. They discover the relationship of man to the State, of the State to the Empire, and of the Empire to the world. A knowledge of their social, civic, and human obligation follows, and they are led to a conception of what was in the poet's mind when he wrote—

"That man to man the world o'er Shall brithers be for a' that."

English literature furnishes them with the fullest and most complete expression of the sentiments, the opinions, and convictions of our people, their ideals, longings, and aspirations; and thus gives them strong incentives to patriotism. They gain an insight into the minds of other men, and some idea of the motives and springs of action, and thus are led to an idea of the grounds of duty and moral obligation. Coupled with art, literature gives a keen appreciation of the "beautiful," and will be an everlasting source of delight and profit to them in their leisure hours, and in their old age.

The History of Industry specially engages the attention of T.H.S. boys. A knowledge of the ways in which our ancestors solved their problems will help our boys to do their part in the solution of present-day difficulties—industrial, social, political, and national. The history of our country's past relations with other countries give them a useful grasp of their present points of contact,

and the true inwardness of this present terrible conflict, in which so many of our past pupils are, to the great glory of the School, so nobly bearing their parts.

Geography is of special interest to T.H.S. pupils, as it gives them a knowledge of the position of products and men of other lands, and helps them to hold their own in the produce markets of the world.

T.H.S. boys are taught to think and speak in French or German. The way to University bursaries and exhibitions is thus opened to them, and they have the key to fresh fields of delight, in the splendid literatures of France and Germany. Besides, a knowledge of one or both of these languages is necessary to a professional man who wishes to keep himself up-to-date in his professional work.

The Mathematical studies, besides giving a training in exact and logical thinking, are correlated with the scientific and practical work. Scientific studies are pursued on lines that have proved most effective in the foremost scientific nations of to-day. Great stress is laid on laboratory work, in which each pupil must do his own experiments, make his own observations, and find his way, with a minimum of help, to his conclusions. Exactness of knowledge, based upon thoroughness of apprehension, is the object aimed at in these studies. Where possible, without interfering with the educative value of these subjects, the teaching is orientated towards the requirements of the pupils' future career. The boys are taught not only to discover facts, but to use and apply them.

The success and merit of the methods pursued in Mathematics and Science is, in some degree, shown by the fact that T.H.S. candidates gained *first places* in Mathematics, Physics, and Chemistry in the recent Leaving Certificate examination.

The work-shops make them familiar with the use of tools, the exercises are essentially practical and tradesmanlike, and the object aimed at is a training in habits of accurate and steady effort, in the co-ordination of hand and eye, and in the full interpretation of drawings, which are prepared by the pupils from models or from instructions.

Drawing exercises are of two kinds—those which tend to develop the aesthetic side of the pupil's character, and those which are correlated with the manual training. The exercises in design and elementary architecture are both aesthetic and practical, for the general improvement in education and the spread of art teaching has created a taste for beautiful things, and has elevated the artistic perceptions of purchasers of all kinds of goods. The saleable value of a great variety of different works has consequently come to depend very much on originality or beauty of design.

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It is not intended that the training given in the art rooms, the science laboratories, and the manual workshops should take the place of practical training in the engineering shops and factories, but it aims at helping the pupils to a subsequent intelligent passage through them, and it may even shorten the time of training.

In conclusion, to bring this lengthy exposition to a close, it may be pointed out that it is the constant aim of the School to develop the best traits of character in its pupils. The School sports give them stamina, initiative, manliness, resourcefulness, fairness, cameraderie, etc. As the pupils pass through the School they are thrown more and more upon their own resources. Offices of trust, such as the Prefectship, give them a sense of responsibility. The management of many of the School activities, such as the Debating Society, the Sporting Clubs, and the School "Journal," have been placed in their hands, whereby they are practised in organisation, self government, and even in leadership, and wherein they learn the art of public speaking, and to submit their will to that of the majority. In this way they receive a preparation for many of their social and civic duties.

The steady pursuit of the foregoing aims and methods during its first olympiad has won from the Inspector of Secondary Schools the high commendation "That this School deservedly takes its place among the foremost secondary schools in Sydney," and it may be added, entitles the School to claim that is is "doing its bit" to supply the present day needs of Australia.

#### SUCCESSES GAINED DURING 1915.

### Leaving Certificate Passes:

iving Certificate Passes:	
H. W. Atkins.	L. Rice.
C. L. Bennett.	J. Rogers.
V. A. Chapple.	J. Scott.
R. H. Conner.	H. J. Smith.
A. Duncan.	J. G. Stephens.
C. Egan.	R. B. Stokes.
R. Heard.	G. A. Stuckey.
L. Hepburn.	K. Synnott.
E. V. Hickey.	W. D. Webb.
C. Jonassen.	L. F. Willmott.
F. Laws.	G. W. Woodbridge
C. Linn.	A. J. H. Clarke.
A. P. Lipscomb	E. I. V. Dossetor.
H. G. Moore.	M. Fleck.
E. C. Nash.	G. Maguire.
F. W. Potter.	

#### Matriculation Passes:

H. W. Atkins.
R. Andrews.
C. L. Bennett.
R. Heard.
L. Rice.
J. G. Stephens.
G. A. Stuckey.
L. Hepburn,
E. I. V. Dossetor.

#### F. H. Laws.

#### Training College Entrance:

L. Hepburn, K. Synnott.

#### Leaving Certificate Honours:

Mathematics.—Gordon Stuckey (1st place), Roger Heard, Carl Jonassen, Frank Laws, Keith Synnott.

German.—Leslie Rice (4th place).

History.—John G. Stephens (2nd place).

Physics.—Gordon Stuckey (1st place), John G. Stephens (2nd place.), Roger Heard (5th place).

Chemistry.\* John G. Stephens (1st place).

#### Technical College Diploma Scholarship:

(Awarded on Leaving Certificate results).

A. Lipscomb (Shire and Sanitary Engineering).

R. Stokes (Shire and Sanitary Engineering).

W. Mostyn (Architecture).

E. Nash (Geology and Surveying).

G. F. McGuire (Geology and Surveying).

K. Synnott (Geology and Surveying).

J. Rogers (Chemistry).

H. J. Smith (Metallurgy).

And on Intermediate Certificate Results:

E. Gibb (Electrical Engineering).

#### Matriculation Bursaries:

G. A. Stuckey (1st place).

J. G. Stephens (2nd place).

Roger Heard.

F. Laws.

#### Matriculation Scholarships:

J. G. Stephens (Coutts).

#### Exhibitions (Engineering):

H. W. Atkins.
C. L. Bennett.
F. W. Laws.
F. W. Potter.
R. Heard.
G. A. Stuckey.
L. Hepburn.
E. I. V. Dossetor.

#### Exhibitions (Science):

J. G. Stephens.

### Public Service Examination:

Higher Clerical.—G. A. Stuckey, J. G. Stephens, H. Smith, C. Linn.

Cadet Draughtsmen.—J. H. Scott, R. B. Stokes, A. P. Lipscomb, J. Rogers.

Architectural Cadet.—Wm. Mostvn.

# Duntroon Military College Entrance Examination: C. Egan.

### INTERMEDIATE CERTIFICATE RESULTS.

The 1915 I.C. saw us pass the "century" mark. In 1913—our first attempt—97 boys were successful. Fired by this result, the 1914 band did their best, and the board showed 97. The coveted century was still "in the future." But, when the results were at last made available for 1915, the long wait was forgotten when it was found that we had scored 103 passes, with a goodly percentage of A's. Owen Powys, our second year "crack," brought honour to the T.H.S. by securing the best pass for any boy in the State.

#### SCHOOL NOTES.

With the New Year came several changes in the personnel of our staff. Mr. T. Mallett, B.A., and Mr. W. Pillans, B.A., were transferred to Wagga High School to take charge of Mathematics and Science respectively. We wish them both good luck, and are sure that they will be as successful "out west" as they were at the "Tech." As an enthusiastic follower of Izaak Walton, Mr. Mallett will be able to try his skill in the Murrumbidgee.

- Mr. J. R. Maclean, who introduced many of us to the mysteries of chemistry and physics, also left, but not to go west. He went for a short time as Science teacher at Wollongong, matriculated in March, and entered the Medical School at the University. We shall be pleased to see him a doctor in a few years' time, though we may not wish to see him as a doctor.
- Mr. G. A. Cantello, B.A., also sought a new sphere for his activities. We had seen Mr. Cantello in various roles during his stay among us. From French "nasal sounds" he wandered quite easily to German "gutturals." Then he abandoned "furrin lingos" and took to the exposition of English Literature and History, with the result that the work Mr. Harrison left on his departure for

Egypt was carried to a successful issue in the I.C. of 1915. Perhaps we remember him best as an auctioneer. No one is likely to forget the way he held forth in the quadrangle, or his huge success in selling things at at least their full value. The Patriotic Fund gained considerably by his efforts. His new sphere is the Sydney Boys' High—better known colloquially as "Next Door."

Mr. R. D. Noakes, and Mr. H. Speight, B.A., LL.B., came to fill the gaps. Mr. Speight left us shortly before Easter. We heartily congratulate Mr. Noakes on his brilliant success in the Modern History papers at the University Examinations in December and March.

Most of the 1916 first year boys are on the small side. Some of them, indeed, look very young. Youth, however, is a complaint that we all grow out of in time.

We welcome them all, and hope that the four first year classes will soon become real "Tech." boys, and absorb the traditions of the School.

Russell Pye—one of our "Turner" boys—came along just before Easter to say good-bye before going to the front. "Muck" Murray—the 1914 "Turner"—is already there. Best wishes for the safety of both these fine lads.

On returning after Xmas, we received a shock. Playground? Wrecked absolutely. Bombs or "Jack Johnsons" could not have made more havoe. Mounds of dirt—trenches—barricades of timber—mountains of bricks—heaps of mortar and broken stones were everywhere. The favourite fig-trees under which we squatted, and with the fruit of which we made—at well-chosen moments—experiments in propulsion, velocity, force of impact, and other things learned in Physics, were no more. Like our practice wickets, they had gone to make room for more additions to the ever-growing Technical College.

Our new playground is somewhat restricted, but as a drill-ground is much superior to the irregular slopes upon which some of us tried to pose gracefully on one toe, and failed rather badly.

The new seats!!! Yards and yards of them!! Three cheers for everyone who had a hand in asking for them, granting them, and erecting them!

It is good to remember that although the playground suffered, the 'quadrangle' still remains in all its beauty and charm.

We extend a hearty welcome to that distinguished educationalist, Mr. James Conway, who has lately joined our staff. Mr. Conway, after a long and brilliant career, retired from the Service about two years ago, and, having toured the greater part of Australasia, was on the eve of setting out for Europe when the war broke out. His superabundant energy and love of teaching led him, on hearing of the acute shortage of teachers, to offer his services to the Department of Education. No position in keeping with his experience and attainments being vacant, Mr. Conway willingly accepted a position on our Mathematics staff. We hope that his stay amongst us may be as pleasant to him as it is sure to be profitable to those who come under his influence.

# FIRST IMPRESSIONS OF UNIVERSITY LIFE.

No person can pass by the University as if it were an ordinary spot on the earth's surface. Whosoever visits it feels the sentiments and memories of school days kindling anew, as if the spirit which distinguishes the place hovered around, with power to move and inspire all who may approach it. One reflects inevitably on the vast commerce of knowledge and ideas of which the University is a workshop and exchange.

I will never forget the feeling of exhilaration as I passed across the park to the college at which I was to reside. Entering the waiting room, I pressed the bell and sat down. There was a person sitting in the opposite corner of the room, who appeared to be absorbed in a book. His most distinguishing features were a wide, pleasant mouth and an innocent pair of eyes. As thorough a greenhorn as anybody, I nevertheless thought myself a particularly shrewd fellow at the time, and I set my neighbour down mentally as a bit of a duffer, who would perhaps tell me all about the college life.

The stranger himself opened the conversation, and presently remarked in a mild lady-like voice that he was just filling in the time before tea "by the perusal of this most delightful work, Cicero ad. Catalinum."

Somewhat taken aback, I did not doubt that the fellow was serious.

"Latin!" I gasped. He nodded solemnly. "A fascinating language. I was particularly impressed by some very beautiful passages while you were, ahem, wrapped in *pensero profundo*. It is the desire of our esteemed principal that we should use it as often as possible in ordinary conversation, in order to attain proficiency in the study."

At this my face resembled one of those artificial flowers, which, treated with some chemical, change colour from pale yellow to violet. "Well, er," I stumbled, "I know that magnus means great, but that is about all."

The stranger smiled pityingly.

"That is very sad," he answered. "There is a rule that nothing shall be served at dinner to those who cannot give the Latin equivalent of the food they desire. This applies most of all to freshers, who are always provided with the necessary vocabulary."

My jaw dropped at this gloomy prospect. "Er, er, perhaps I could sit next to you at table, and—"

"You have my sincerest sympathy," interrupted the stranger (Archibald, he called himself), "but unfortunately such a practice is not allowed." Here there was a slight twitch about his mouth, caused, no doubt, by the extreme sympathy with which he regarded my case. "But," he continued, "I will tell you the name of one of the dishes which forms our stable diet here. It is made of lumps of fat and meat floating on sauce—Carnivoros in Liquidum we call it. Of course, if you want plenty, you need only tell the waiters, in excelsis."

I eagerly memorised the information, and pondered over the strangeness of it all. There was silence for a time, and finding Archibald so pleasant and obliging, I thought I could not do better than hear all the particulars about the internal affairs of the College. The information I thus acquired was of an exceptionally varied and surprising nature, and I wondered at not having heard of such strange things before.

Then followed another silence, during which I noticed that Archibald was not consulting his Cicero ad. Catalinum with any great zeal or diligence. As I left the room with the porter, I caught a glimpse of him raising a handkerchief to his face, to wipe away, no doubt, the tears which his grief at my plight had caused him.

At tea that night I nerved myself up for the ordeal, but was surprised to find that I was not asked for any Latin. After consuming several cubic feet there was still no sign of *Carnivoros in Liquidum* or any other such atrocity. Then I suddenly remembered that it was to come at dinner. Still, there was nothing like enjoying the present.

The next few days passed peacefully enough for the freshers, except that they occasionally found their various weaknesses expressed with a refreshing candour in writing on their mirrors. Unlike the Vision of Belshazzar, there was usually little difficulty in deciphering the writing, or in understanding the force of its application.

The College affords every opportunity either for serious study or for slacking. The atmosphere of the place is well suited for earnest effort and hard work, which, if well adapted, is surely the greatest and most permanent of human delights. Of course, besides the real students, the College always contains an unavoidable element which seems to spend its time in letting off fireworks, but this is by far in the minority. The students are entirely self-governing, and are all real decent fellows. The typical bully is a person whose existence is confined to the imagination of hack-writers, who have, for the most part, never seen the inside of a school or college.

I must confess that I came here, not altogether free from the idea that a professor was a dry, hard, angular, disagreeably independent and strong-minded person. But I was very soon and very delightfully disappointed. Professors do not live in the clouds at all; they are the most approachable and interesting of men.

Signs were not long wanting to show that the great night, "soup night" as it is termed, was close at hand. This was a decidedly novel and interesting experience.

Awakened by a yell that would do credit to a wild beast show, the fresher is surrounded by a crowd of weird looking individuals, whose faces are painted with tints resembling the hues of a prize-fighter the day after a contest. Then follows an unearthly silence—not a sound is made, but all fix a glassy stare on the unfortunate fresher. The tension of expectation becomes intolerable. Suddenly the nearest man gives a horrid gurgling sort of screech. This is the signal for a dismal wailing chant. At the end the fresher is bundled out, and his furniture follows to the yard or even further, to the tree tops and telephone wires.

For the next part of the affair the men turn themselves into a business-like Laundry Company. The washing is done excellently. Every care is exercised to ensure promptitude and give satisfaction. All orders are executed with thoroughness and exactitude. Satisfaction is guaranteed.

The whole of the procedure is conducted in a friendly and gentlemanly manner—that is to say, as far as it could be gentlemanly. But unfortunately it exercises too potent an attraction for the lively spirits, who repeat it in a modified form at rather frequent intervals. The fresher often finds his bedclothes strewn inside a barbed-wire fence beneath some of the windows. When he attempts to recover them, some cheerful person up above, having no manners, pours water down. On Monday this is a very good joke—for the men above at least. Repeated on Tuesday and Wednesday, the joke becomes doubtful. On Thursday and Friday it is usually felt to be tiresome.

Not long after the "Grand Turn-Out" came another of the College functions. I was awakened about midnight, and conducted to the hall. At one end were two tables, placed so as to form a stage, and the other end was occupied by an audience. Standing on one of the tables, I was asked to sing while somebody beat time with a thighbone. Dante could have imagined nothing more horrible. A feeling of intense despair pervaded me, and in vain I cudeglled my brains for some song. For the life of me I could think of nothing, and the suggestions of an impatient audience, emphasised by fireworks, only served to heighten my embarrassment.

Just then somebody came forward with a vile preparation called an "elixir of life." The principal ingredients, I believe, were hair oil, tooth paste and soap. Seeing my need of a tonic, I was invited to take some of the mixture. At first I returned an emphatic negative, but was soon reluctantly persuaded to swallow a spoonful.

The effect was immediate. I confess that I lost all sense of responsibility and hesitation, and rather than risk another dose, I "burst into song." It was grandly done. But somehow or other the audience seemed remarkably unable to appreciate the effort, and as I trudged back to bed I had to console myself with the reflection that the deeds of the greatest are appreciated only by posterity, and not by their contemporaries.

J.G.S.

# THE SYDNEY TECHNICAL HIGH SCHOOL OLD BOYS' UNION.

The Union arose as the direct result of a general demand on the part of ex-pupils, and it is proving its usefulness by assisting in every way possible the progress of the School.

Perhaps a brief history of the Union is deserving of first consideration. After all preliminaries had been disposed of, an inaugural meeting was called in September, 1914. Office-bearers were chosen to act pro tem, and they met a few days later to discuss further details, with the result that a General Meeting was called during the week following. The attendance and business done were again most satisfactory and encouraging, and with the drawing up of the constitution, social programme, and other matters of importance, the Union began to assume definite form.

The First Annual General Meeting was held at the College on February 23rd, 1915, and there was present a large gathering of Old Boys and teachers. Mr. Williams presided. The First Annual

Report was presented, and received with enthusiasm. The necessary officers were elected, and, consequent upon a discussion as to the social programme, the following functions were decided upon:
—(1) Annual Dinner, (2) Cricket and Football Matches against present members of the School, (3) Launch Picnic.

Our First Annual Dinner, held at Sargent's Rooms, Marketstreet, on Saturday, April 19th, 1915, was a memorable function, attended by success quite beyond our anticipations.

In pursuance of the social programme, both the suggested football and cricket matches were recently contested. In the former we were, unfortunately, defeated, but somewhat reversed matters in the latter.

Both the School Swimming Carnival and Sports held later in the year were characterised by an appreciable attendance of Old Boys as spectators and participants.

In view of the large number of Old Boys at the front, it was, after careful discussion, deemed advisable to cancel the launch picnic set down for the spring. Such decision received the warm approval it warranted.

Our Second Annual Dinner was recently held at Sargent's, Markett-street, on Saturday, April 15th. There were present some 65 Old Boys and teachers, and, judging by the brightness and good-fellowship which prevailed throughout the evening, we feel sure that no less than 65 enjoyed themselves. Mr. Nangle was present in the capacity of Chairman, and expressed himself surprised and delighted at such a fine gathering. The following toasts were honoured:—"The King," "The School," "Our Boys at the Front," "Our Fallen Comrades," "The Union," "The School," and we were afterwards indebted to Messrs. Stuckey, Penman, Stewart, Belschner and Jerrems for an excellent and much appreciated musical programme.

The Second Annual General Meeting was successfully held a little previous to the dinner, and the following officers elected for the current year:—Patron, Mr. Nangle; President, Mr. Williams; Vice-Presidents, Messrs. Chrismas, Atkins, Baxendale, Evans, Ross and Hepburn; Hon. Secretary, Mr. A. C. Stiles; Assistant Hon. Secretary, Mr. F. Hargaard; Committee (representing the various years), Messrs. Davis, Harrison, McGuire, Warner, Stuckey, Kerr and Russell; Hon. Treasurer, Mr. W. Churchill; School Representative, Mr. Jas. Spence.

We are proud to report that we have now nearly 100 of our members in khaki, and we art still engaged contributing. Surely a fact of great significance for such a young School as the S.T.H.S.!

We regret to report the loss of L. Cornish, R. Chandler, H. Hills and R. Willison (killed), R. Chisholm (missing), and extend to their people heartfelt sympathy and whole-hearted appreciation of their grave sacrifice.

Wounded: L. Elphinstone, E. Evans, T. Hamilton, T. Holle, J. King and R. McNiven. Injured: A. Alberts. Sick, or recently so: E. Cornish, F. Davidson, E. Gorrie, W. Selkirk, R. Smith and K. Wood.

Apart from our heroes of the Dardanelles, we are represented in the navy by Gunner E. Milligan, of H.M.A.S. "Australia"; in France by H. Lambert and C. Smith (motor transport), while we have on garrison duty at Rabaul, W. McNiven and T. Smith.

We heartily welcome back Messrs. E. Evans, V. King, W. Selkirk and F. Davidson, the first two recuperating from wounds and the last two from sickness. We trust that they may soon be sufficiently recovered to render further good and honourable service. We are pleased to say that all Old Boys and teacher volunteers have now been unanimously made honorary life members, and, in connection with the recent dinner, tickets for same were forwarded them with a request that they join up in the best manner possible and celebrate such event in their less agreeable surroundings. We are confident of the result.

In conclusion, we should like to emphasise the keen appreciation extended us by the teaching staff of the School, parents and members, which surely stands for the necessity and approval of the Union.

We conclude finally by commending the Union and what it stands for to all present and future Old Boys, and would emphasise the fact that its welfare is a matter of responsibility to all concerned, and that, with the evidence of even better facilities, it will eventually carry with it that same degree of significance and meaning as does at present that dear old School of which it forms an essential part.

For the Committee,

ARTHUR C. STILES,

Hon. Secretary.

"Warren," Formosa-st., Drummoyne, 4.5.'16.

#### THE CHRONICLE OF SPORT.

Optimism is the governing principle of this chronicle. It is pleasing to be able to record that there is the right attitude on the part of most parents towards the sporting activities of the School. We will not be satisfied, however, till every boy in the School is a member of the Sports Union. The annual fee of half-a-crown is ridiculously small, and surely places membership within the reach of all. This year's membership shows a marked improvement on last year's. Some classes already are nearly all members. At present, 3C and 1B are equal in the highest percentages of members.

There are a few parents, however, who are not alive to the fact that boys must have recreation of a physical character if they are to develop mentally. The parent who allows his boy to return home after school, to do his homework before the evening meal, so that he may go out in the evening to some indoor amusement, is sadly neglecting his duty. The boy should be out in the air from 3.30 to 6 o'clock, playing and brightening up his mental equipment, so that he can do his homework intelligently after tea, and gain some real benefit from that home study. If a parent is not prepared to do so much for the boy, why send him to a high school to do no good?

The Education Department recognises the importance of physical recreation by setting apart Wednesday afternoon for such, and by expecting every pupil, physically fit, to indulge in some sport, according to the season.

The Department is at present making arrangements whereby this School will be able to use the Sydney Sports Ground on Mondays for training purposes, and on Wednesdays for playing purposes. The gymnasium and other training facilities will be at the School's disposal. Mr. Humphreys, who has already done much to improve diving in the School, will place his expert knowledge of gymnastics at the disposal of boys wishing to take advantage of a good gymnastic training.

This regular training on a good ground should enable our athletes to prepare thoroughly for our own and the High Schools' championship sports meetings.

It is proposed to train regularly on Mondays for Rugby, Soccer and general athletics during the winter months.

The loss of the little bit of breathing space we used to have here has already been severely felt in cricket, and promises to be much more felt in football. It is almost impossible to handle a football without breaking a window. In fact, it is almost a criminal offencs to be seen carrying one. A little tennis and a few quoits are the only games left us. "Fly," or any other form of aviation, is also "tabu." This has alrealy given rise to a sharp increase in the price of "Bills" and "Scouts" for recess recreation.

Your critic in these columns resembles a figure with one arm extended, the other upraised. The extended hand will persuasively hold out a bunch of carrots—red and green, and very alluring. The upraised hand will firmly grasp a whip. In the former capacity, these pages wish to trumpet the deeds of the past.

The Technical High School has been known as a good, clean, sporting school since its inception. Its first years in competition with the other High Schools taught it, through many disastrous defeats on the cricket field, the football ground, and the baseball square, the value of organisation and discipline.

In 1913 the competing teams gained much higher places than in previous years. The Rugby football team, with Mr. W. Bartrop as manager, put up a good showing, due in large measure to the solid forwards, amongst whom delved Eric Evans, Jack Evans, and "Blue" McKenzie. The Soccer team, under Mr. R. Jerrems' management, won all before it. Its star performers were Whitehead, Wood, McNeil, Thompson, and Hansbie. The cricket teams, too, won some measure of success, and the tennis team, under Mr. G. Mallett's guidance, won the summer competition.

1914 was a year of successes. In the football competitions it was a record year. The School won the first grade and the second grade Rugby competitions, the first grade Soccer competition, and the first grade Australian Rules competition. These competitions were productive of some very fine games. Who that played, or who that "barracked," will ever forget the final of the first grade Rugby? What a struggle it was! We can yet see Major Swannell, the referee of the many-autographed jersey, who made the great sacrifice at the Dardanelles, tearing up and down the field to keep pace with the rushing Red or Maroon and Sky. Scores even at 3 all, and time drawing near. Then a passing rush of the Maroon and Sky, and Tierney was over the line. It was a fine effort. We won out by 8 to 3.

H. Murray (the School captain), G. Wright, H. McDonnell, W. Jackson, J. Cronin, and L. Chapman were fine players.

The second grade final, too, was a fine match. Our brilliant victory was due largely to the forward work of R. McDonald, M. Corkson, and G. Hudson, and the back play of T. Barry, F. Samuelson, and J. Langford.

The Soccer players included many fine performers in H. Wilks, J. Langford, W. Stansbie, J. Thompson, and E. Williams.

The Australian Rules team put up many "cricket" scores, owing largely to the booting ability of Allen, Synnott, and Scott.

Cricket, tennis and baseball also had a successful year.

Last year was also a very successful year, and though the School fell off considerably in Rugby, despite the fact that its first team included such notables as Keith Synnott, Noel Hunt, Roy Wilson, "Blue" Samuelson, Jack Dutton, and Jack Burgess, it played many enjoyable games, and won the fourth grade. The fourth grade was a fine little team, in which Friendship did a lot of scoring, and "Ted" Milwood a great amount of excellent playing.

The Soccer team were again victorious. 1st Soccer won the premiership of first grade, but the nippy 2nd seniors wrested the High Schools' Championship from them by 2 to 0.

A School team visited Newcastle, and drew with Newcastle High School, and defeated the Combined Newcastle and Maitland Teams. "Screw" Robson was the idol of the assembled soldiers in training. His play was a treat to watch. Other boys who performed well were R. Heard, J. Thomson, G. Streatfeild, W. Stansbie, J. Pople, "Chic" Henze of the 1st grade, and Jack Horn, G. Dempsey, H. Nicholson and Alan Johnson of the 2nd seniors.

Cricket fell off considerably, and it was much to be regretted that the School could not enter a first grade team. When the competition closed, the second and third grade teams were in leading positions.

Baseball started with a rattling team, and ended with a "rattled" team, owing, it is believed, to some leading players suffering from 'heart." The School is better without such players.

The tennis teams finished up strongly. The first grade team, consisting of L. Hepburn, R. Andrews, R. Carroll and R. Hill, was placed second.

This year gives promise of mediocrity. We were again unable to place a first grade cricket team in the field, and it is feared we will not be able to put a first grade Rugby team in, either. Why is this so? Are our boys smaller than those of the other large High Schools? Are they less virile? Are they more studious, and do they eschew sport? Do they shun the playing area, and frequent the library? Whatever the cause, the fact remains that we are not taking our proper place among the High Schools in some branches of sport.

Cricket and Rugby football are two of the most ancient and classical of the British games. They are games very dear to the hearts of many Australians. The deeds of our cricketers, like those of the footballers of New Zealand and South Africa, have won us fame throughout the whole Empire. These games bring out all that is manly in the boy. They do much to stamp out the traits that are bad in him. They are games where team training and discipline are most essential. They are, above all others, games of skill, pluck and manliness. We would like to see more interest taken in both, and many more boys playing them.

The present cricket teams—second grade and third grade—have done well. The second grade team suffered defeat only once, at the hands of Petersham—the undefeated leaders of the competition. As the defeat was by 8 runs, it will be seen that the game was an interesting one. Jack Blanksby is the mainstay of the batting. He is inclined towards too much style, but may drop that when he can play cricket better. M. Genge is also batting well, and with practice will make a fine player. E. Dunn, A. Johnson and J. Mould have been getting a few runs when wanted. I. Taylor and S. Turnbull have played some useful innings. With the ball. S. Turnbull has done much the best. His 16 for 22 against Parra-Doherty, Johnson, Fitzpatrick, matta was a great performance. Mould and Taylor also do some bowling of more or less doubtful quality. The main fault of the batting is want of nerve and too much back play. Players should endeavour to hit every ball hard. not let it hit the bat. The loss of Harry Fox, who enlisted, our fast bowler and big hitter, was a serious one to the team.

The third grade team started well, but owing to the loss of McCallum and Millwood, has fallen from 1st to 4th place. It has no stars. Everyone does what he can. The success of this doing is variable. S. Fleck, H. Stevens, H. Armstrong, and A. Stockman have been known to get a few runs, while Fleck, Tathan, and Stevens get most wickets.

A notable feature of this School's sport is the class competitions. Great interest is taken in them. Such have been carried out in cricket, tennis, and Soccer. We would like them extended to Rugby. These competitions have done much to develop players. We hope to have 12 class Soccer teams this season.

The class cricket competition is nearing completion. Class 1A (the winners of the first year) will play 2C (the winners of the second year) for the class championship. We like 2C's chances. In Fleck, Stockman and Gardiner, they have good material. 1A rely on Tathan, Small, Lipscomb and Apps.

During the competition, E. Tucker, of 1D; R. Walker, of 1D, Andrews, of 1C; and Reid, of 1B, showed good form.

The School, since its foundation, has conducted annual swimming carnivals and sports meetings. They have been uniformly successful, and productive of good sport.

Last year it was decided to institute a School Cup, Junior Medal, and Junior Cadet Medal. The conditions governing the Cup are that points are to be given for all Senior Championships in our own swimming carnival and sports meeting, and in the Public Schools' Swimming Carnival and the High Schools' Championship Sports Meeting. The conditions governing the medals are similar, but are confined to Juniors and Junior Cadets. Noel Hunt won the Cup last year, Alan Johnson the Junior Medal, and William Dutton the Junior Cadet Medal.

Our swimming carnival this year was held at Drummoyne Baths, on March 21. The weather was delightful, and the sport good. Mr. Alex Davis, the proprietor, had everything in good shape, and so the long programme was carried out smoothly and expeditiously. The results showed that there were some very promising swimmers and divers in the School.

J. Spence gained the honours in the 100 and 400 yards championships, and is the making of a good long distance swimmer. G. Streatfeild performed well on breast and back, and is particularly good under water. R. Dyce is a fine diver, and annexed the distance under water. P. Kerslake is at home to anything natatorial. R. Alderson, E. Muller, G. Gerlack, and H. Scott stood out best among the juniors. Alderson has a bright swimming future before him.

The Cup points gained at the carnival were:—J. Spence 10, J. Streatfeild 5, P. Kerslake 5, W. McLaren 4, J. Tonkin 4, J. Thomson 4, R. Dyce 2, C. Cavanagh 2.

Junior Medal points were:—R. Alderson 10, E. Muller 8, T. Davies 6, R. Cox 3, E. Christian 3, R. Watson 3, E. Bretnall 1.

Junior Cadet Medal points:-E. Muller 5, H. Scott 5.

The School makes a special feature of Life-saving on land and sea by instructing classes in rescue, release, and resuscitation work during the 1st and 4th terms, and in first-aid to the injured during the 2nd and 3rd terms. Some excellent work has been done in the past. It is hoped that boys will so well realise the utility of this training that no boy who passes through the School course will leave without having gained both certificates, if not both medallions. In connection with this work, our thanks are due to the Royal Life Saving Society and the St. John's Ambulance Association, which are

ever ready with their valuable help, to the city doctors, who give their precious time to lecturing to and examining classes, and to the College authorities, who place at our disposal their fine sets of anatomical charts and models.

Rifle Clubs for both seniors and juniors are in existence. Keen interest is taken in the various shoots, but the work during the past year was somewhat hampered by the want of ammunition. It is expected that a strong team will compete for the Empire Shield. Some of last year's Junior Cadets give promise of good work. Will Dutton and Jack Stewart were the best.

A Hobbies Club exists for those incapable of taking part in the regular physical recreation. The products of its energies generally make a pleasing show in the Turner Hall on Speech Day.

All these activities are supervised by members of the Staff, who take a keen interest in, and devote much of their leisure time to, furthering the physical development of the pupils.

#### LATE SPORTING NOTES.

Cricket.— The class competitions ended on April 5. 2C were the victors, after a keen struggle with 1A. Mr. Owen, who was in charge of the game, spoke very favourably about both teams. The batting was brisk, the bowling straight, and the fielding clean and neat. We congratulate 2C on going through the season undefeated.

Soccer.—Our teams are beginning to show satisfactory form. First grade defeated Tingira T.S. by 1 goal to 0. Second grade drew with Randwick S.P.S., 1 goal to 1 goal. 2C played such good class football last year as 1C that they now constitute our second grade team. We have great hopes of this team. 2D constitute the third grade team almost in toto. The class competition gives promise of many keen games.

Too many Soccer boys are going to work. Vacancies in the 1st Senior. Volunteers, enlist at once. Captain Thomson knows a good man by the set of his feet.

Rugby.—We have entered second and fourth grade teams. Each is weak in its grade. Much keen training is needed. First grade were defeated by Barker College and by Christian Brothers' College by substantial margins. Fourth grade were defeated by Christian Brothers' Seconds. We lost our best first-grader through a broken collar-bone in the first match. We also lost a first grade tennis player through a broken arm. Tec.'s luck is out.

The Rugby teams won the double against Parramatta. Neither the 2nd nor 4th team knows anything. The exhibition was not Rugby. Boys not willing to pick the ball up when an opening offers should give the game up. McCormack was excellent for five stone. Foster is the half we have been looking for.

Swimming.— The season closed on April 19. It was a successful one. Many beginners have improved excellently. One boy, with a 10-yard record in January, now easily completes a 200 yards swim. There is only one boy in the School who cannot swim a little. His father objects to him going into the water till he can swim. The Life-saving Squads were successful in their examinations. Twenty-four boys gained Proficiency Certificates, and 21 boys Medallions; 2 boys gained the Order of Merit. All these boys, whose names are published, are qualifying themselves to be useful members of society. We are very proud of G. Streatfeild and H. Williams for their proficiency in the water. We will have our squads showing on the "movies" next year, or later.

Proficiency Certificates.— L. McCarthy, H. Saxby, T. Blanksby, E. Gray, S. Burgess, L. Ferris, R. Carroll, R. Wells, E. Thompson, A. Hopkins, F. Freegnaw, R. Cox, G. Brentnall, R. Harper, C. Allpress, H. Watkins, E. Smithers, F. Grigg, R. Alderson, J. Dawson, H. George, J. Wallis, R. Mostyn, C. Doherty.

Medallions.— L. McCarthy, H. Saxby, J. Blanksby, R. Mullaly, E. Grey, S. Burgess, L. Ferris, R. Carroll, R. Wells, E. Thompson, R. Harper, C. Allpress, P. Kerslake, E. Baber, J. Thomson, S. Davis, J. Mould, J. Taylor, W. Green, J. Wallis, C. Throsby. Order of Merit.—G. Streatfeild, H. Williams.

#### OUR CADETS.

"The self-governing colonies of the British Empire have at their disposal a militia which is sometimes only in process of formation. They can be completely ignored, so far as concerns any European theatre of war."

So wrote General von Bernhardi in October, 1911.

The splendid courage of the Canadians in Flanders against all the deadly onslaughts and fiendish devices of the enemy, the ready response to the Empire's call of the people of the recently-formed South African Union, and the matchless gallantry and self-sacrifice of our Australasian troops on the Gallipoli Peninsula prove how much this military specialist erred in his statement of the

position. From Canada, 200,000 volunteer troops; from Australia quite as large a quota; from New Zealand 100,000; and from the other Colonies tens of thousands more, have rallied spontaneously to take their place in the armies of the Empire, and have provided a half-million unanswerable replies to Bernhardi's contention.

There is no doubt that, in Australia, the system of compulsory military training, inaugurated a few years ago, has been a potent influence in the organisation, equipment, and general preparation for active service of the expeditionary forces that have left our shores. It has provided a valuable nucleus of trained officers and troops, around and through which the larger forces have been gathered and efficiently trained for service.

Before enlistment, a percentage of our volunteers had already received some military training, either in the Senior Cadet or Citizen Forces, and every battalion includes in its ranks its due proportion of young trainees.

Our own "D" Company, of the Technical High School, has furnished a very creditable number of volunteers. At the outset, some of our old boys enlisted, and were among the troops who made the famous landing at Gaba Tepe on 25th April, 1915. The number has steadily grown, and upwards of a hundred names of teachers and scholars appear now on the Honour Roll of the School.

Captain Harrison, our old C.O., who enlisted in June of last year, and left for the front soon after, sends regular news of his doings on active service. He has been seriously ill, and in hospital, but by latest accounts he is fully recovered, and feeling splendid—"hard as nails," as he himself expresses it. He has been through one compaign against the Turks, and has had some strange experiences. "If you could see me to-day," he writes, "you would smile. It is Sunday, and we are all in our tent, right out in the desert. It is a desert, indeed—sand, sand, sand, still sand, and only sand, and sand, and sand again!"

A pint of water is the daily allowance for washing, etc., and in that hot, dusty region this scanty supply must be a pitiful apology for the desired quantity. One member of the battalion, a sergeant, tramped eleven miles over the sand to enjoy the luxury of a bath, and he expressed the opinion afterwards that the dip was well worth the journey of twenty-two miles.

The battalion had recently received a supply of useful articles from Victoria, and the note-paper on which his last letter was written was stamped, "Victorian State Schools—Gifts from Children." Captain Harrison, writing on the subject of assisting the soldiers at the front, indicates that there is ample scope for other efforts of a

similar character. He suggests that, "if the school is in the same giving mood as of old, it might send a few pounds' worth of comforts to a Battalion Committee, instead of subscribing blocks of money to the Patriotic Fund."

He is rather keen to know what kind of passes the old School gained at the recent L.C. and I.C. examinations, and a couple of copies of the results have been sent along. In spite of the distractions and turmoil of active service, the T.H.S. and its affairs still loom large in his interest. He repeatedly asks after his old boys, especially of the Second Year Classes of last year, and wishes to be remembered to his friends here.

Lieutenant Waterer, another of our officers, enlisted as a private early in the year, was almost immediately promoted to the rank of sergeant, and was selected later—one of five from about two hundred candidates—for an officers' school, and is at present at Duntroon.

Two of the Science staff have enlisted. Lieutenant W. H. Tonkin worked his way to commissioned rank, and called in recently to bid farewell, looking every inch a soldier, and hardly recognisable as the chap who initiated the Australian youth into the joys of H<sub>2</sub>S, Archimedes' Principle, and other things interesting and mysterious. Unfortunately, his name appears on the latest casualty list. We hope for his speedy and complete recovery.

Lieut. R. J. McNiven was among the first to represent the Technical High in khaki. He saw service at Gallipoli, was wounded, but is now thoroughly fit, and back in the firing line.

Captain Harold Page, late of the Mathematical staff, is also on active service. Remarkably brilliant has been his military career. Enlisting as a private in the ranks, he won his First Lieutenancy before embarkation, gained his Captaincy in Egypt, and according to a recent letter, has been recommended for the rank of Major. He was slightly wounded at the Dardanelles, but is now quite recovered, and revelling in the soldier's life.

From the lads who represent us at the front, numerous interesting letters have been received from time to time. Bright, breezy descriptions of life on a transport, of novel experiences in strange lands, of happenings in camp and on the field of battle—these and various other matters of moment and concern fill the pages of the notes of our soldier lads. It is impossible to single out any particular writer, for the members of the staff are continually receiving news, but all the letters exhibit a splendidly healthy tone, and show

that the influence of the School is still felt by our boys who are away fighting, and that they are developing into men of high moral fibre and character.

Reviewing the work of training for the past year, we have reason to feel satisfied with the progress made. Since the new year we have lost a large number of non-commissioned officers—Fourth Year boys—who have been transferred to other areas, and are carrying on their useful work elsewhere—but despite this loss, we have managed to maintain a good standard of efficiency. Among many who have contributed to the success attained, C.S.-Major Jim Spence, C.Q.M.S. Fischer, Platoon-Sergeants Robertson, Evans, Streatfeild and Littlefair, and Armoury-Sergeant Elphinston, deserve a word of praise for their faithful discharge of duty. Orderly-Sergeant Roy Dyce has also proved himself a capable and reliable officer. The other non-coms. have shown that they are worthy of their positions, and should avail themselves of the opportunity afforded at the forthcoming examination to qualify for higher rank.

The musketry returns for the shorter ranges show that a satisfactory standard has been reached by most cadets, and, if this standard is maintained at the longer distances, efficiency rewards, in the shape of marksmen's badges, may be gained.

The military year, 1915-1916, is drawing to a close, and the officers hope to be able to recommend that each trainee be classed as efficient in all departments of his training, and be advanced one year in service.

The Technical High School Company holds the battalion badges, won in competition in 1914, and each cadet should do his utmost to keep this honour in the School's possession. An effort might well be made to secure the brigade badges and medals.

The Rifle Club has continued its matches and practices regularly throughout the year, and has performed very creditably indeed. The shooting has generally greatly improved, and some members atone for what they lack in the finer points of actual shooting by their intense enthusiasm and perseverance. The Club is in the care of Norman Thom as secretary, and Richard Jane as treasurer, and an efficient committee. A team has been entered for the Empire Match, a competition for which all youths in the Empire are eligible. All who are under the age of fifteen on 30th June next may compete, and the School should furnish a really strong team.

Great interest has been taken by many cadets in signalling work. A squad for instruction has been formed, which, under the capable direction of Instructor Frank Ellison is showing marked

progress. When proficient, the members of the squad will be attached to the Company as Signaller Instructors. Among those who have shown especial aptitude and skill, Corporal Harry Williams and Cadet Lawrence Perrin must be mentioned.

Although the buglers miss the leadership of Bugler-Sergeant Eric Dossettor, and the efficient tuition of Bugler George Maguire, they are still far from being downhearted, and with assiduous practice will soon attain the necessary proficiency. The kettle-drummer is a new chum with the "sticks," but when he misses a step he is careful to miss another almost immediately to right matters. The bugle band, with the genial Harry McDonnell in command, should rapidly develop into a useful unit in the Company.

A cycle corps is in process of formation, with Corporal Littlefair in charge, and Cadets Bretnall and Lachmund as "whips."

Someone has written of the Japanese, in the years before the Russo-Japanese war, that "they served with pride in the ranks of the army, and dreamed of heroic deeds." All the thoughts of the nation were centred on the supreme need; all eyes were fixed on the loftiest ideals and aims; no self-sacrifice or effort was counted too great, and the reward was victory.

All who are worthy of the name of Britons, and of the heritage we hold, must be up and doing their utmost in this time of national crisis. The call comes to each trainee to train thoroughly, to put soul into his preparation, to fit himself for any emergency that may arise.

The Rifle Club holds practices at Randwick on alternate Wednesdays. The first and second years might supply more members from among their non-sports. Junior Cadets may join. Membership fee, 6d.

N. THOM, Sec.

# ROLL OF HONOUR. Sydney Technical High School.

May, 1916.

Albert, A., Private, Infantry (recently injured). Alcock, A. V., Sapper, Engineers. Allen, A., Lance-Corporal, Infantry. Argue, R., Signaller, Infantry. Blanton, C. S., Private, A.M.C. Brodie, H., Field Artillery.

Brown, J. T., Private, Infantry, Cable, I. T., Private, A.S.C. Campbell, B. J., Signaller, Engineers. Chisholm, R., Private, Infantry (missing). Chandler, E., Private, A.M.C. Chandler, R., Infantry (killed). Chapman, E. L., Gunner, Field Artillery, Cooper, E. C., Corporal, Infantry. Colvin. W., Private, Infantry. Cornish, E., Corporal, Infantry (recently sick). Cornish. L., Private, Infantry (killed). Cox, I., Sergeant, Infantry, Cullen, D., Trooper, Davidson, F., Private, Infantry (returned sick). Dibley, A. Donaldson, R., Bugler, Infantry. Doyle, J. G. Elphinstone, L. H., Private, Infantry (wounded). Evans. E., Sergeant, Infantry (returned wounded). Fuller, C., Field Engineers. Gartrell, C., Private, A.M.C. Gibson, G., Sergeant, Infantry, Gillies, W. K., Field Engineers. Gorrie, E., Trooper (recently sick). Gosling, C., Private, Infantry. Griffin, V., Private, Infantry. Griffiths, C., Private, Infantry. Hamilton, T., Private, Infantry (wounded). Harvey, F., Private, Infantry, Harvey, V., Private, Infantry. Harrison, C., Captain, Infantry. Henderson, S., Private, A.M.C. Holle, T., Private, A.S.C. (wounded). Holmes, W., Sapper, Engineers. Hudson, L., Sergeant, Machine Gun Section. Hines, H., Private, A.M.C. Hibble, G., Trooper, L.H. Johnson, C., Sapper, Engineers. King, V., Lieut., Infantry (returned wounded). Knox, J. Kyle, D., Private, Infantry. Lambert, H., Motor Transport, France. Laws, F., Infantry. Lawson, G., Trooper. Lenehan, E., Private, A.M.C.

Lutton. C.. Private, Infantry. Maston, H., Private, Infantry Maze, H., Signaller, Mills, H., Sergeant, Infantry (killed). Milligan, E., Gunner, H.M.A.S. "Australia." Mashman, H., Private, Infantry. Mashman, G., Private, Infantry Moss. E., Private, A.M.C. Murray, H., Sergeant, Field Artillery. McKenzie, W. K. C., Lieutenant, Infantry, McNiven, R., Lieutenant, Infantry (wounded). McNiven, W. (Rabaul) McMillan, C., Private, Infantry, McCourt, R., Private, Infantry, Neal. W. Newcombe, J., Bugler, Infantry. Newman, R., Private, Infantry. Nutter, A., Field Engineers. Page, H., Lieutenant, Infantry. Parsons, S., Private, Infantry. Prior, C., Captain, Headquarters. Pascoe, R., Private, Infantry. Perry, D., Field Engineers. Pughe, J., Sapper, Engineers. Pve, R., Sapper, Engineers. Price, D. C. Rea, F., Infantry. Rice, L., Private, A.S.C. Robson, R., Field Engineers. Robinson, N., Lieutenant, Infantry. Rose, W., Sergeant, Infantry. Russell, D. E., Field Engineers. Sainsbury, R., Wireless Corps, India. Selkirk, W. G., Private, Infantry (returned sick). Smith, C., Motor Transport. Smith, R. S., Corporal Signaller, Engineers (sick). Smith, T., Rabaul. Stanbie, W. J., Corporal, Infantry. Stokes, R., Private, Infantry. Tonkin, O., Gunner, Field Artillery. Thornton, W., Private, Infantry. Tonkin, W. H., Lieutenant, Infantry. Watson, T. S., Infantry. White, J. J., Corporal, Infantry.

Willison, R., Sergeant, Infantry (killed). Wood, K., Corporal, Infantry (sick). Wenholz, L.

(The Editor will be glad to receive word of any errors or omissions.)

#### THE "HOBBIES" CLUB.

Parents and friends attending the annual Speech Day celebrations have been made well aware of the fact, by the Crafts Club exhibitions, held in the rear of the hall, that although sport in some form occupies the minds of the majority of the students in their leisure hours, still some have found time to turn their attention to another profitable pastime. Being a technical institution, naturally a large percentage of the students take great interest in mechanical pursuits. For five years past the annual exhibition of models has revealed the fact that remarkable skill and proficiency have been achieved by the enthusiastic workers. In some cases, exhibits have been really outside the field of models. For instance, in December, 1913, there appeared among the exhibits some wireless apparatus, complete receiving and transmitting installations. These were of the exhibitor's own design, and absolutely home-made like the best jam. The speakers referred to these exhibits in the highest terms of praise, and astonishment at such a task being so successfully accomplished. It might be added that this apparatus was put to a severe test the following March, and was among the very few which received the farewell message from the Minister for Education, transmitted from S.S. Roon in the Great Australian Bight, a distance of about 1200 miles.

The models, on the whole, have always been of a high standard in design, workmanship, and efficiency. The working drawings are always prepared before the models are commenced, and the models made from them. These drawings are exhibited with the models, thereby adding greater interest to the exhibition.

The exhibits represented a large field of activity, and showed some really fine specimens of cabinet and inlaid work. Sheet metal work, comprising brass and copper trays, candle-sticks, etc. The electrical section was full of small electric motors, dynamos, induction coils, and various small pieces of apparatus, such as meters, bridges, and microphones. Steam power was represented by many types of engines—horizontal and vertical, large and small, run from boilers of all descriptions, according to the individual task of the "manufacturer."

Last December (1915) a pre-eminent exhibit was a working electrical generating plant, complete in itself. It consisted of boiler and fittings, steam engine, and dynamo, all original in design and construction, and capable of supplying 120 candle power.

It is quite possible that more advanced and higher class work may appear in the near future, in the form of internal combustion engines and dynamos of higher power

Those who make these models do so of their own free will, and work at their "hobbies" outside of school hours, at the same time without neglecting their studies. Those who require the use of tools are allowed to work in the workshops on Wednesday afternoons, while the others go to sport, but it by no means follows that they are anti-sports. To facilitate Wednesday afternoon work, a club, known as the S.T.H.S. Crafts Club, was formed by those interested in the work. If scientific advice is required by any of the members, the staff are always willing to give it.

C.F.

#### THE DEBATING SOCIETY.

The Debating Society shows signs of being as live during 1916 as it was dead in 1915. Third year boys who neglect the opportunity of gaining experience in "thinking upon their feet," and of becoming acquainted with the formalities of public debate, are making a serious mistake. It is a good preparation for citizenship after school days are over, and for the improvement and increase of one's power of literary expression—the use of the right word in the right place.

At the inaugural meeting there was a fair roll up, and preliminaries were soon arranged. The election of officers resulted as follows:---

President—James Spence.

Vice-President—Wilfred Bishop.

Hon. Secretary—Wm. A. McLaren.

Asst. Secretary—Harold Raggatt.

Third Year Representative—Owen Powys.

"Humorous Readings"-where we were given some new and original ideas on the interpretation of history—a debate on "Sport. Compulsory and Voluntary," a mock banquet, and a discussion on the evergreen question as to whether the "Iron Duke" or the "Little Corporal" was the greater military genius, occupied our meetings up to date of going to press.

I. A. McL.

### STAFF OF THE SYDNEY TECHNICAL HIGH SCHOOL.

#### Headmaster:

J. A. Williams, B.A.

#### Deputy Headmaster:

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L. E. Penman, B.A.

I. W. Mann. B.A.

J. A. Baxendale, B.A.

H. K. Percival.

Department of Modern Languages:

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D. J. Sullivan, B.A.

R. Jerrems, B.A.

Department of Drawing:

F. W. Atkins, F.T.C.

H. W. Miller.

Wilfred Bishop

Matthew Fleck

Raymond Carroll

Cecil Everingham

Christian Fischer

Owen Griffiths

Horace Hyett

Elvin Layton

Richard Cork

John Andersson

George Dempsey

John Dillaway

Charles Fitzell

Arthur Easy

Frank Grigg

Horace Armstrong

**Tack Dutton** 

Roy Dvce

Edmund Carlisle

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I. Conway.

C. P. Schrader, M.A.

R. Giltinan, B.A.

T. A. Owen, B.A.

Department of Science:

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S. T. Farnsworth, B.Sc.

W. D. Noakes. (Lond.)

Department of Manual Work

S. Coulson (Metal work).

A. G. Humphries. (Wood work)

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Frank Giles Ward Havard Richard Tane

Ernest Iones

Thomas Lynch (Prefect) Charles Throsby

4th Year B.

William Linton George Littlefair

(Prefect) Leslie Mackay Harry McDonnell

Joseph Pople 3rd Year A.

Allan Hampton Harry George Albert Grout John Horn Paul Kerslake

Harry Knight Arthur Maish

John Mould

Bruce Parker George Streatfeild

William McLaren

Henry Raggatt

James Spence

Norman Thom

John Tonkin Iames Thomson Harry Williams

Richard Wells

Charles Norman Thomas Peters

(Prefect) Lawrence Perrin Rowland Perkins

Eric Raffell James Taylor Cecil Tower

Sydney Walsh Henry Watkins

Esmond Baber William Carey Charles Doherty Arthur de Jersey Walter Harrington John Hinchliffe Alan Johnson

Cecil Anguetil Harry Brown Stanley Burgess Samuel Davison Kenneth Eich Frank Ellison Eric Grav

Hayden Adair (Prefect) Bryce Barton James Borga Arthur Bonner Elliott Dunn John Dawson William Elphinston Frank Egan Chas. Fisher Cvril Fleck

Aubrev Aubrev William Audley Malcolm Basden Walter Bates Keith Belshaw Harry Broose Charles Challis Arthur Craven Harold Cook Walter Cridland William Curry Harry Duncan Wilfred Evans

3RD YEAR A-Continued :-Leonard White George Wythes Robert Woodger

3rd Year B

Clifford Lark Rupert Markham Ronald Murray Leonard McCarthy Owen Powvs Harold Stevens Alexis Souter

Henry Saxby Harold Thompson Frederick Venables Ronald Walker (Prefect) Alfred Weil John Weine

3rd Year C. David Hammond

Leslie Holt Hurstville Humphries Alexander Robertson Bruce Jane Stanley Jervie (Prefect)

Raymond Mullaly Tesse O'Connor Oliver Ward Sydney Turnbull Norman Wedlock

2nd Year A.

Max Genge Richard Gillings Alan Green John Guthrie Harry Hunter Robert Harner Percy Kavanagh Sydney Lenehan Alan Long Leonard Mullanev John Martin

Albert Miller Leslie Oliver Joseph O'Brien Allan Riddell Arnold Raymond William Sparrow Lyle Simpson Frank Spence Rex Wood James Wilkie

2nd Year B.

Francis Freeguard Leonard Goodsell Alfred Griffiths Lance Ferris Alfred Hopkins Lewis Hirt Stanley Ibbitson Kenneth James Stephen Johnson Cedric Lamond William Lawrence Herbert Laird James Lincoln (Prefect)

John Martin Walter Maizev Arthur Mendel Charles Powditch Frederic Robinson Thomas Rolfe William Sheppard Roy Shakespeare Edwin Street Herbert Skott Edward Wills Gordon Wood George Willcock

2nd Year C.

Harold Allson Leslie Fitzpatrick George Bowden Sidney Fleck George Carr Stanley Fraser Charles Clarke George Gardner (Prefect) John Goodge Hector Cooper Theo. Grant Sydney Davies Norman Hamilton John Dunnett Reginald Hazzard Edwin Edwards Charles Horsley William Irwin

Clive Allpress

Roy Baker

Leslie Badman

John Blanksby

Harold Bourne

George Bretnall

Charles Browne

Harry Donohoo

James Dawson

William Dutton

Leslie Everingham

(Sub-Prefect)

Ronald Cox

John Doolev

Harry Apps

Charles Astle

Charles Bennett

Stanley Barrett

Milton Cathro

Charles Colvin

Norman Edwards

Victor Erickson

Russell Forwood

Harcourt Homan

John Ferguson

Henry Beehag

Edgar Bernauer

Norman Bolton

James Carroll

Victor Elston

Roy Fenton Edward Fisher

Edwin Grav George Guinn

William Harrison James Irwin Eric Jackson Garnet Jane Karl Lachmund Hector McLachlan

1st Year A.

Leslie Holdaway Wilfred Jackson Keith Jolly Tack Kelso Arthur Kemp William Lewer J Harry Lipscomb (Prefect) Frank Macken Malcolm MacGoun Gordon McDonald Victor McGuigan Ernest Nancarrow Mayton Pettit

2nd Year D.

Percy Goodman (Prefect) Alexander Gemmell

> Frank Price Gilbert Ralston Rex Russell Arthur Scott V John Shaw Andrew Small Roy Stanhope Edwin Tatham William Thorn Allan Stewart Nicholas Wells

1st Year B.

Cecil Brown Ivan Bucci Eric Carr

Leslie Magnire Robert Neeve Arthur Ritchie Arthur Stockman Benjamin Stone John Wallis Harry Williams Raymond Mostvn

Albert Muller

Robert Nielson

John Nimmo

Eric Rawlings

Norman Smith

Ernest Smithers

Stanley Thomas

Herbert Wood

Leo Powys

Lancelot MacLeod

Clarence Parsons

Alexander Katzka

lames Maclean

Thomas Travers Harold Withers

Peter Carter Eric Christian Ernest Ellis

1ST YEAR B-Continued :-

Ernest Furney George Gerlach Harry Gray Fred Haslam Leonard Henstock Herbert Hough Walter Hyett Edward Ireland

Norman Fazackerlev Maurice Kellerman John Kenny Alex. Lawn Edward Layton Eric McCandless Arthur Murch Henry Osbourne (Prefect)

Stanley Reid

Thomas Roberts

Jack Shakespeare Fred Shoults Arthur Stewart William Stokes Eric Thompson Victor Trikojus William Turner Robert Watson Jack Whitehead

#### 1st Vear C

Nathaniel I. Andrews Dudley A. Atkins George M. Bilbe Norval C. L. Bullock Herbert M. Cantrill Walter Y. Chapman (Prefect) Alan C. Clayton Herbert C. Davis Royston E. Dearing Hector McFinnie William I. Foote Jack W. Gifford John Hartley John D. Hatch Lewis J. Henderson Paul L. Henderson David R. Horn Walter M. Houston John P. King

Oscar A. Libbesson Kenneth I. Lawson William H. Love Charles H. J. Longmore Stanley L. Martin Robert McDowall John C. McCormack Harold H. McKean Arthur L. Meuser Henry Pill Philip G. Price Bruce D. Railton William E. Reeves John W. Reid Edward R. Ridding Stanley H. White Norman C. Willmott Brian Wilson Leslie E. A. Turnbull

#### 1st Year D.

Richard Adams Walter Harris Ronald Alderson Leonard Howe Henry Bates Leslie Ibbitson Edwin Beckinsale George Iones Leslie Brown Max Kline John Castle William Martin William Court Arthur Craddock John McMahon Keith Duncan Ernest Muller Lionel Fitz-Henry Roy Nelson Norman Fox Erwin Noffz John Foster Walter Parker George Harley Herbert Perkins

Henry Scott Lawrence Simpson (Prefect) Edgar Smith Victor Smith Walter Stuckey George McDonald Alex Stevenson Fred Thom James Tucker Archie Turvev Henry Ward Harry Woodley Sydney Walker

### Sydney Technical High School Old Boys' Union

#### Patron:

I. Nangle, Esq., F.R.A.S., Supt. Techl. Education.

#### President .

I. A. Williams, Esq., B.A. Headmaster S.T.H.S.

#### Vice-Presidents.

Messrs. F. Atkins, I. Baxendale, C. Chrismas, E. Evans. L. Hepburn, F. Ross.

#### Committee:

Messrs. S. Davis, W. Kerr. F. Morrison, G. McGuire, D. Russell. G. Stuckey, L. Warner.

> Hon. Sec .: Arthur C. Stiles. F. Hargaard.

Hon. Treas .: Wm. W. Churchill

#### Sports Workers.

Each class elects two representatives at the beginning of each vear. Their duties are to enrol members, register the various sports, take entries for the carnivals and competitions. This year's reps. are doing their work excellently.

General Secretaries.—James Spence, George Streatfeild.

2nd Grade Cricket Team.—Captain, H. Fox. Vice-Captain, I. Mould.

3rd Grade Cricket Team.—Captain, Ted Millwood; Vice-Captain. H. Armstrong.

2nd Grade Rugby Team.—Captain, Jack Dutton. Vice-Captain, Frank Ellison.

4th Grade Rugby Team.—Captain, Alf. Weil. Vice-Captain, I. Oliver.

1st Senior Soccer Team.—Captain, James Thomson. Vice-Captain, George Streatfeild.

2nd Senior Soccer Team.—Captain, Chas. Doherty. Vice-Captain, W. Maizev.

2nd Grade Soccer Team.—Captain, A. Tathan. Vice-Captain, S. Fleck.

3rd Grade Soccer Team.—Captain, R. Cox. Vice-Captain, R. Mostyn.

1st Grade Baseball.—Captain, J. Mould. Vice-Captain, S. Turnbull.

2nd Grade Baseball.—Captain, A. Bernauer. Vice-Captain, R. Walker.

1st Grade Tennis.—Captain, Ray Carroll. Vice-Captain, J. Hinchliffe.

2A Tennis.—Captain, Jack Dooley. Vice-Captain, T. Roberts. 2B Tennis.—Captain, Arthur de Jersey. Vice-Captain, R. Cork.

Library Attendants.

Reference Library.—Wilfrid Bishop, Harold Raggatt.

Junior Library.—Roy Shakespeare, Harold Cook.

"Tuck Shop."—Manager, George Wythes. Asst. Manager, Rowland Perkins.

# Class Representatives for Journal:

- 1A.—L. Holdaway, R. Foreward.
- 1B.—H. Gray, A. Murch.
- 1C.—B. Wilson, C. Longmore.
- 1D.—R. Nelson, F. Thom.
- 2A.—H. Hunter, B. Harper.
- 2B.—R. Shakespeare, K. James.
- 2C.—C. Clarke, H. Cooper.
- 2D.—C. Allpress, J. Blanksby.
- 3A.—H. Knight, J. Mould.
- 3B.—C. Doherty, R. Walker.
- 3C.—A. Robertson, R. Mullaly.
- 4A.—E. B. Jones, M. Fleck.
- 4B.—J. Tonkin, W. Linton.

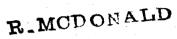
# "MANNERS MAKYTH MAN."

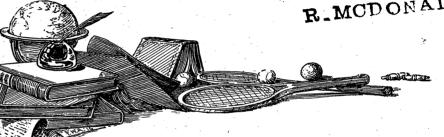
Mr. G. W. E. Russell, in his "Social Silhouettes," tells an interesting story anent the distinguishing characteristics of the typical products of Eton, Winchester, and Rugby (or, as some versions read, Harrow.) "A lady, arriving late at a College concert at Oxford University, and finding no vacant chair, was met by three stewards, reared respectively at the abovementioned schools. The Eton man made a thousand apologies, could not conceive how such a mishap had occurred, implored her to wait a moment, and was quite sure there would be a vacant seat directly. The Wykehamist said never a word, but went out and fetched a chair. The Rugbeian (or Harrovian) sat down on the chair which the Wykehamist had fetched."

The moral of this story will become apparent if you look at your hat-band, and then trace the connection between Winchester, William of Wykeham, and the Sydney Technical High School.

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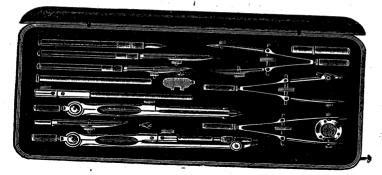
# TECHNICAL HIGH SCHOOL **JOURNAL**

Vol. 1.

No. 2

AUGUST, 1916

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Editor-W. BISHOP.

AUGUST, 1916.

No 2

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University Representatives—J. G. STEPHENS and L. HEPBURN.

Old Boys' Union Representative -- ARTHUR STILES.

#### EDITORIAL.

ANY have been the anxious enquiries as to when the Journal would make its appearance, but there has been a lack in the quantity of matter sent in. No paper can be run without articles. Many of our boys, especially the younger generation, apparently think it the business of the Committee to furnish the articles.

This may, in some measure, explain the dearth of contributions. Or perhaps the war tax on paper may be the cause; or perhaps the old story of "I don't know what to write about" may explain some cases, not so few as some may imagine. Surely there is plenty to write about in this century of wonders. You do not mean to say that nothing interests you, do you? Yet by that phrase, "I don't know what to write about," you practically say as much.

However, speaking seriously, the root of the trouble with you boys is not that nothing interests you—far from it—but that you unconsciously set for yourselves a standard more fitted for a Fourth Year. I am still a boy, and I know what this means. It is all very well to set this standard, but when you do not attain it, it does not mean that your work is of no use. But how often is this the case! You aim too high, miss your mark, and retire dispirited.

Why not send in your attempt? If your language is faulty, it is easily rectified, and once an attempt is accepted, you are encouraged to do more.

Those whose task it is to correct the contributions do not, when they reach a First or Second Year attempt, put it on one side, and turn to, say, those of third and fourth years. No; the first year article is treated just as carefully as any others, and the more there are of these articles, the better are we pleased. It shows us that the boys take a lively interest in their paper, which has little attraction for them if they do not. This is one reason why our Journal is entirely a boys' paper, comprising boys' ideas, and jottings on topics that interest them, humour, and "little hits" at anyone and everyone in general. Class representatives should not deem their duties done until they have in some way or another received a promise from every boy in their class to make an effort to contribute something, no matter what.

So come on, all of you, whether in First or Fourth Year; get your minds and pens working for the next issue, and make the task of those on the staff of the Journal so heavy as to necessitate its immediate enlargement, and make this, your Journal, the best and breeziest in the whole of Sydney.

To those who have contributed to this issue a word of thanks is due, and also to Mr. Kelshaw, who made it possible for us to publish in our Journal that splendid speech of Mr. Meredith Atkinson, which is still fresh in our memories.

#### FRENCH'S FOREST.

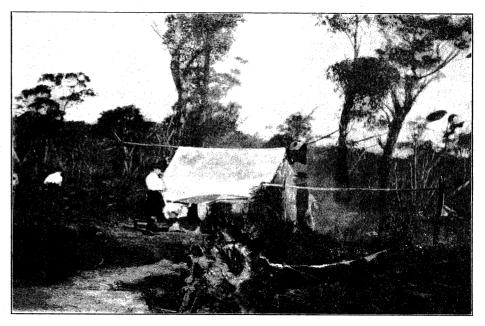
The Scheme.—Giving money to the various funds for our soldiers is all very well so far as it goes, but it lacks something. We, as a school, wished to do something practical for our soldiers, who have done so much for us; something which we could refer to in the future as evidence that we had paid at least a part of our debt of honour. We were in a quandary. What was there practical that we could do?

It was at this stage that Dr. Arthur, founder of the French's Forest Scheme for Returned Soldiers, appeared, and showed us how we could help. Here, indeed, was the "something practical" we had been wanting!

The land at French's Forest was, when cleared, to be divided into farms for returned soldiers. The work had been progressing slowly, because the young men appealed to appeared to put pleasure before duty. They were blind to the great debt they owed to the men who had sacrificed everything—even their lives—to

protect Australia. Thus it was that Dr. Arthur was compelled to appeal to the rising generation—the boys of Australia—to see whether they would respond to his call. This they did, with all the energy and sincerity of youth.

It was suggested that the "Tech." should be given a block of land—about four acres—which was to be cleared. After it had been cleared, we were to erect a house on it, which, when completed, was to be presented to one of the many returned soldiers. Here was a chance for us to do something practical, and we seized the opportunity! Thus it was that many of us—teachers as well—were at French's Forest during the mid-winter vacation, sacrificing many pleasures to pay a little of our debt of honour.



Settler's First Home.

Photo-R. Shakespeare.

At the Forest.— Many accounts of the work done at the Forest have since then appeared in the press. Those who went were only sorry when the week was up. "We had the time of our lives," aptly summed up all our opinions.

Much of our comfort was due to the way in which Mr. McAndrew looked after us, and the three cheers we gave him as we left bore eloquent testimony of our appreciation for all he did for us.

For excellent management of the food supplies, of which we had more than sufficient, we were indebted to Messrs. Atkins, Baxendale and Lennard.

Everything went swimmingly after our arrival, but the floor took a lot of getting used to. Although reputed to have been made of soft wood, the floor was far from being a spring bed, as the groans, and twistings, and turnings during the night bore evidence. However, when tired, we did not trouble much whether the floor was soft or hard, and after the first day's work we soon fell asleep, to dream, as one of us did, of splendid banquets and other delights that make the heart glad.

At an early stage of our pioneering we had the pleasure of making the acquaintance of a cheerful little imp, whose assistance proved most valuable. He is a much maligned individual, and by an unkind fate has been called the "forest devil," though to many of us he proved an angel in disguise. Some of us had grave doubts of his angelic disposition, especially when he jammed the cable and the fingers of the boy handling it! Many were the bruised fingers and blistered hands resulting from only one day's work with the devil.

The devil! To those who have not had the pleasure of meeting this imp, a few explanatory lines may not be amiss. It is something like a winch, consisting of two large cog-wheels, worked by a lever. The hauling is done by a heavy steel cable, wound on a drum between the two cog-wheels. The machine is fastened to the foot of a tree, which acts as an anchor. The trees around this anchor are then pulled down.

The devil, once it settled down to work, was merciless. Trees, large and small, fell crashing to the ground, often taking smaller trees with them in their fall. The dead and rotten trees fell with a crash, casting broadcast branches and splinters. It is useless to resist the devil. Proud old monarchs, that had laughed at the tempest and defied the lightning, fell a prey to this little imp. No wonder it is called the "forest devil." To completely subjugate the devil, and get him in a working mood, a bishop was placed in charge of him. The combination, strange as it was, appealed to many. Gangs of axemen soon lopped off the branches of the fallen trees, and cut the trunks into lengths easily moved. The larger roots took a lot of heaving and pulling to move them. They would have remained stationary had we not been able to employ the services of a modern Orpheus. The logs could not stand the musical (?) calls; indeed, it is hard to say which were the more greatly affected, the logs or the boys! Anyhow, we were all moved, including the big roots! We also learnt falling trees always let you know when they are about to fall. This they

ing what I thought to be a fight, but what I soon saw were great headlines of war news. I forgot all about Brisbane, the mine, the shearing, the cane-cutting, and went and enlisted." This was during the second week of the war. Mr. Ward was at the landing at Gallipoli, and was wounded after three days' fighting.

Those of us who met Mr. Ward at French's Forest were struck with his geniality. Now we are struck with his self-denying spirit. He told us that he considered there were married soldiers or widows far more in need of a home than he, "For," he said, "I'm a rambler, who is satisfied with a tent in such circumstances." He regarded the block as one of the best in the settlement, and the Tech. boys to be the bravest of workers. I mentioned what the police had done "next door," and he said, "So they should, and I bet they lost more fat and had bigger blisters than you boys." (Not that they worked harder.)

At the end of our chat, Mr. Ward told us that, following his vocation, he would probably wander back to the fighting-line, and that he wished to be remembered to the teachers and boys whom he met at the Forest.

We admire Mr. Ward's generous self-denial in giving up the home which was offered to him, to someone in greater need, and we wish him right good fortune wherever he may chance to roam.

W.H.

#### THE GROWTH OF THE SCHOOL.

In his report just to hand on the School for the year 1915, the Inspector of Secondary Schools has written: "This School ranks as one of the foremost High Schools in Sydney." This is high praise indeed, coming, as it does, from one so qualified to judge.

Next to our families, our School holds first place in our minds and in our hearts, and we are proud of the boys, the teachers, and the patrons, who in such a short space of time have won for our School so high a place. It makes us feel that we of the present day would like to know more of their doings, in order that we may copy their example, and keep our "alma mater" up to the best standards of our own time.

For this reason, the management of the Journal deemed it fitting in this issue to give a short account of the origin and growth of the School, up to the end of last year.

In 1910 the late Superintendent of Technical Education (Mr. J. W. Turner) established a continuation school in the College to prepare boys for his Engineering Day School. Mr. W. H. Tonkin was the teacher in charge, under the supervision of Mr. Turner. This school did good work, and many of its pupils are now well

on the way to successful careers. Desiring to raise the standard of the Engineering School, Mr. Turner obtained the consent of the Department to raise the standard of the Continuation School to that of a High School. The Technical High School thus came into being in April, 1911, under the control of the Superintendent of Technical Education. The present headmaster cpened the new High School, and had as his assistant Mr. W. H. Tonkin, B.A. (mathematics and chemistry), and Mr. H. Hain (English subjects). The School consisted of boys and girls. The purely technical instruction was given by the following members of the regular College staff:-Mr. Wright (art work), Mr. Hanley (metal work), with the late Mr. Wilkie (wood work), Mr. Sussmilch (geology), Mr. Mason (physics), Miss Munro (cookery), and Miss Roberts (dressmaking). The present Superintendent (Mr. J. Nangle, F.I.A.) gave a splendid series of lectures, illustrated by lantern slides, on the history of architecture. At first the School consisted of two classes, and English and mathematics were taught in Room 14, which present boys should venerate as the birth-place of the T.H.S. New pupils were taken in at all times of the year, and by December, 1911, the enrolment was 147 boys and 31 girls The staff then had been strengthened by the addition of Mr. J. Paxen dale, B.A. (English subjects), and Mr. W. McNevin, B.A. (mathematics and science). Mr. Baxendale is, therefore, next to the headmaster, the oldest member of the School.

The adoption of a suitable motto was among the first caresof the early management. One was sought which would embody the School's highest ideal. The late Mr. Clunies Ross, B.Sc., who was an early and staunch friend of the School, suggested the favourite saying of William of Wykeham, the founder of Winchester School and New College, Oxford, and one of England's greatest educators. The suggestion was a most happy one, and "Manners Makyth Man" soon appeared on the hat-band of every worthy Technical High School boy, to show that the chief aim and object of his School was the development of a high moral character in every boy who wen his way into its classes. To the boy who developed this, "all things else would be added." The first School badge was of metal, and somewhat similar in design to the present one. The pride and affection which the first pupils cherish towards this emblem of their old School is shown by the fact that Eric Lenehan, who, with many others, represents the School in the firing line, has the badge sewn to the inside of his tunic. I am sure you all wish it will prove to be a true talisman for him.

To the sixty immortals who were in the School at its opening, the quadrangle has somewhat different associations than to us of the present. To them it is the historic spot where we celebrated our first Empire Day. A photograph shows us our small band of

pioneers, with Mr. Turner in the midst, standing below the grand old flag, floating from the top window of Ultimo House. He gave us a delightful account of the boys and girls he met in all parts of the British Dominions; and we, for our part, made up in enthusiasm what we lacked in numbers. This and other photos illustrative of the development of the School are carefully preserved for the inspection of any interested member.

Mr. McNevin was the first sports master, and Mr. Baxendale the School treasurer. Mr. Tonkins taught the boys lacrosse, and Mr. Hain managed the baseball. The girls played basket ball, the posts for which are still standing in the playground. The Turner Hall not having been completed, the first speech day was held in the Physics Lecture Room, and was memorable for the absence of the parents and the brevity of Messrs. Tonkin, Hain, McNevin and Baxendale's speeches. . . . . . . .



By the end of the year the School had made good progress on the lines laid down by its founders. Signs were not wanting that it would develop into an efficient modern school of the vocational type. English, history, geography, mathematics and science were taught in the spirit and the letter of the first High School syllabus. A special course in cookery, domestic science, dressmaking and millinery, and art, was arranged for the girls, whilst similar provision was made for the boys in wood work, metal work, and drawing. No modern languages were taught in the beginning, but by the end of the year it was realised that this School was destined to prepare its pupils for a still higher institution than the Technical College Engineering School. It was thus early seen that its course of training led direct to the University Engineering and Science Schools. Hence in the early part of the next year a modern language master was appointed to the School, to introduce the study of French and German, in order to make the training for matriculation complete.

That there was a strong demand for such a type of school was shown by the rapid increase in enrolment during the first quarter of 1912. In February the enrolment rose to 420 (boys 325, and girls 95). This brought about a corresponding increase of the staff, and by the end of the first quarter the following additional teachers were giving their conscientious and best efforts to make the School a success:—Messrs. H. Bartrop, B.A. (mathematics), C. H. Harrison, M.A. (English subjects), H. Munro, B.A. (English subjects), R. Jerrems, B.A. (modern languages), Miss K. Atkins (English subjects and music), Miss L. Geer, M.A. (English subjects). and Mr. J. Swan (geography and science).

(To be continued.)

# A VISIT TO EVELEIGH LOCOMOTIVE WORKS.

How many boys, and teachers, too, perhaps, as they pass those dirty, smoky sheds between Redfern and Macdonaldtown, ever realise what great wonders are hidden beneath those roofs?

It was the privilege of the writers, thanks to the kindness of the Works Manager, Mr. Scoular, and the Sub-manager, Mr. Warren, to spend a day in that vast industrial hive.

We, with another friend, arrived at the scene of action about ten o'clock. Unfortunately, Mr. Scoular and Mr. Warren were both out on business at that time, so we were detained from starting our inspection till about half-past ten. After a short interview with Mr. Scoular, an apprentice was brought over from the works. It so happened that this young man was once a Technical High School boy, and, no doubt, will be known by Mr. Pennman and Mr. Atkins, as we were questioned about these gentlemen. After answering a few questions about the present School, we started off, passing the turn-table just outside the new erecting shop.

### NEW ERECTING SHOP.

The first shop that we visited was the new erecting shop. This is a large building, at the Redfern end of the works, where all the new parts for the engines are collected from the different departments and put together, only to be put outside the door, and seen from the trains as a finished engine.

The first article that called our attention on entering this shop was a half completed "S" class engine, number 363, standing just inside the door. This engine, by the way, ran successfully on its trial trip last Monday, July 3rd. Around it were many men, some drilling holes and some riveting. The drilling is done with a small machine, called a pneumatic drilling machine, and the

riveting with a pneumatic riveting machine. These machines do their work very quickly, and needless to say, very noisily, were watching this engine, when, all of a sudden, a great whirring noise was heard above. We, of course, looked up, and saw a great crane tearing along a few feet below the roof, carrying some parts up to the engine. This crane can lift any weight up to thirty-five tons. Walking on a few more vards, we saw four "NN" class engines, those giants with small funnels, whose numbers were 1314 to 1317 inclusive. Engine number 1314 is nearly completed, but they are all held back for want of large copper flue tubes, about four inches in diameter. These come out from England, and, on account of the war, cannot be transported out here. The "NN" class engines have large tubes in the boilers, but the "S" class engines have small ones, which are made in Eveleigh. After passing the "NN" class engines, we saw some men welding pipes by the oxy-acetylene process. The action of the welding is best seen through blue glasses. By means of these the melting metal can be seen surging and running round in the hole. Then, walking up the opposite side of the shed, we came across three large milling machines, all doing different work. The first was milling a groove in a connecting rod of an "S" class engine. These machines are each driven by a 75 horse-power electric motor. The next machine was a very large machine, cutting out "S" class frames from sheets of thick wrought iron. This machine cuts about eight out at one time.

(To be continued.)



The Kaiser—"Oh! Why did I launch this Boat."

#### EMPIRE DAY.

(We are indebted for this report to Mr. A. E. Belshaw, proprietor of "The Contract Reporter.")

Mr. Atkinson said he regarded the opportunity of addressing them as the most important of all the times when he spoke in public, and he wanted them to understand that he did not come to the school with the idea that anything would do for boys, because there was not anything more important than boys who were just emerging to their work in the world. What he had to say, therefore, would be said with a full sense of the importance and the solemn character of the occasion. They were met together at a time when everyone of them should consider most seriously what relation he bore to Australia and the Empire, and each one had to ask himself what he was doing towards making that Empire something better and purer and deeper than it was. They should remember that the main object of their training was not merely the better way of making a livelihood, but that there was something far better and dearer than the obtaining of technical education, and it was the cultivation of a spirit of service to the community. of which they were all members. And this was the note he wanted to strike this morning. The spirit of service—first to Australia, then to the Empire as a whole, and finally to the whole world.

They were no doubt aware that every human body was made up of millions and millions of tinv little cells. so small as to be invisible to ordinary sight, and that what was called disease might always be traced to a weakness in one of these tiny little cells. Now, when anyone of these cells became diseased, the danger was not confined in its effect to that one particular portion of the body, but became a danger to the whole of the physical body. Now, in a very real sense, the community is composed of millions of cells, and each of his hearers was a cell amongst these many millions, and so, if in anyone's conduct there was a weakness or disease, then he had admitted a disease which would finally affect the whole of the community in which he lived. It was impossible for anyone to think of himself as a being separate from the rest of the community, and so we should all strive to have a full sense of the consequences of the things which we do. He did not wish to lead boys into thinking that every day they did something that injured the rest of the community, because we were all full of faults and errors, but we should endeavour, to the best of our abilities, to make ourselves healthy citizens, and so contribute to the health of the whole body in which we have a part. To think of ourselves as isolated persons, without relation to the rest of the community, was to think of ourselves as back again in the days

of savagery. We were all united together in groups—first in the family, then in the school, then in the larger workshop in which we live and move, in the State, in the Commonwealth, in the Empire, and finally in the world. So we had all to remember that each must contribute his best to the country to which he belonged. And so in the school their activities should be inspired by the same principles of duty and justice, and they should give their best to the group in which they were working. Further, when they moved into new groups they must look about them, so that they might find the best opportunities for giving their best to that little community, and their most important contribution was in their good conduct and in their skill. In the final judgment it would not perhaps be the men who were called great that would be high in the scale, but many a humble man and woman would be found placed there, whose conduct had been based upon what he was now placing before them. There were many humble men in many and many a scene where deeds were being done, thoughts being thought, and determinations taken, that are of far greater value to the State than the thoughts of some of the greatest giants the world has ever seen. We shall be judged, not by our intellect nor by the degree at the University, or the trades learnt at the school. but by the efforts we made to bring out what is in us, and to do our best for those around about us. In every one of them there was something they could do for the benefit of the State that no one else could do. There is not a boy that cannot give something to the State that no other boy can give, if he is willing to make it come out of himself in the course of his education. And we can do this because we are ourselves the thing that God has given us, and because of this we can make something of this gift worth making, and so do something for Australia and the Empire that is worth doing.

It was high time to think of what our duty should be towards the Empire to which we belong. Now the Empire was a great big thing, and a very vague thing, and very hard to realise at all times of the day. The reality of the British Empire is not in the millions of square miles or millions of souls governed by one king under one flag, but it consists in its strength to unite all its peoples, and to make of them blood brothers and spiritual brothers. Therefore, as part of the family, as part of the school, and of the State and Commonwealth, they were also a part of the Empire, and through the Empire a part of the great world, and to that Empire was set the great task of purifying the world of those horrible ideas that Germany has set itself to inflict upon the world. The horrid dream of despotism was just the very opposite of the spirit of the British Empire, and we must set our hearts upon obtaining the ideals of that Empire in which we live.

The British ideal was democratic, and the democracy of Australia was the most advanced democracy the world had ever seen. The ideal of trusting the people had been adopted, with the most magnificent result, and was seen in the magnificent heritage which Australians possess through their citizenship of this great Commonwealth, and of what was surely the most beautiful country in the whole world. The Australian qualities of independence and cheerfulness had enabled them to overcome some of the problems that beset the old world. If his hearers could, as he had done, visit, some of the great countries of the world, and see the abject misery in which the majority of the people live, they would come back with a sense of thankfulness, for Australia had got over some of the worst difficulties of the social system. Australians were surely the most cheerful nation in the whole world, and it was this cheerfulness and independence which would make this one of the greatest Commonwealths in the world. (Prolonged applause.)

#### A UNIVERSITY REUNION

As the University Reunion has more or less interest for the majority of students attending the Technical High School, I propose, in a few words, to give those who intend taking a course of study at the University next year some idea of what a University Reunion is like.

The Reunion, although perhaps a little noisy, is a well-organised function, which is carried through without any hitch, and without any element of larrikinism. It is held to bring all members of the University together, and to give some little welcome to the first year students. The undergrads. would no more think of dispensing with the Reunion than the S.T.H.S. Old Boys would think of abolishing their annual dinner.

If a visitor had passed through "The Union" building an hour before the function commenced, he would have been well aware that there was "something doing," and would most likely have asked, "What means this eager, anxious throng?" He would have seen hundreds of students, all arrayed in academic costume—gown and mortar—waiting to be admitted to the Union Hall. He would have heard the President of the Undergraduates' Association reminding this same "eager, anxious throng" that, for the first time in the history of the Undergrads.' Association, the Chancellor of the

University was to be present. He would have been almost deafened by the cheer that greeted these words, and he would have seen the smile of satisfaction on the President's face as he formed some idea of the reception Sir William Cullen was to receive.

As the hour for admission drew near, the great crowd of students began to move towards the doors of the hall, for everybody wished to be admitted, and it was no secret that the seating accommodation was limited.

When the doors were finally opened, a cheer that made the building tremble broke forth, and the students passed quickly—but not in a disorderly manner—into the hall. It was not yet time for the Chancellor and the other visitors to arrive, and the few minutes were occupied in singing 'Varsity songs, and by making various weird noises.

On this side one would hear several shrill whistles, which would be answered by cat-calls form the other side of the hall. In another part of the room might be heard an inharmonious band of paper-covered hair-combs, penny balloons, and cheap trumpets. This indescribable row would be drowned by a still more weird screech or yell from the whole of the audience. Many other unimaginable, non-musical sounds filled the room.

Word was soon passed around that the visitors had arrived. The noise ceased more suddenly than it had begun, and when the last echo had died away, Sir William Cullen entered the hall. The students rose as one man, and cheered him as a thousand might cheer.

The Reunion then began, and it was indeed "students cast off every care." University songs were sung with an unimaginable vigour, the speakers were vociferously applauded, and, in fact, everything was accompanied by noise. Many items of the programme were drowned by noise, and we only had the word of the President that they were performed. Aithough much applauded, the speeches were given fair hearing, and were well worth hearing.

One speaker tried to flatter the undergrads., but they would not have it. He was immediately told to "cut it short." The other speakers also took the hint, and "cut it short."

The function lasted for about two hours, and then the majority of students, expressing themselves, as well as they could in hoarse whispers, by saying, "Well, it was great!" wended their way home to make themselves fit for hard work on the morrow.

## FRENCH'S FOREST JOTTINGS.



French's Forest—and that most miserable hour, 2 a.m.—I had awakened with the know-ledge that I was extremely cold. Around me, had there been light enough to discern them, were the sleeping forms of my companions. I had just begun to hum (softly) to myself a few bars of that old ballad, "My Comrades Round Me Sleeping," when the sudden drop in temperature that had disturbed me, though it did not awaken them.

set all their tongues wagging. "Corks! Corks!" yelled my nearest neighbour, "I'm having a royal feast." Another insistently demanded matches, apparently to warm himself with, while nothing but a pair of boots would satisfy the soul, or soles, of a third. A midget in the far corner, who had complained earlier in the night that the bigger boys were walking "all over his face," suddenly discovered a new terror. "Get away, you black dogs," he shrilled. Whence came these visions of the night? Ah, I remember—sausages for tea! What wonder, after such a night, that the dawn should be ushered in to the tune of a spirited debate on shoes, and ships, and sealing-wax, and cabbages, and kings, between the diminutive "dog-shover" and the "royal feaster," to the discomfort of the latter and the great joy of the others, who really didn't care much who won, so long as someone did.

Dinner time—the hope of youth and the despair of old age—arrives. Napoleon, or Shakespeare, or some other sufferer, once said, "The Lord gives us food, and the devil gives us cooks." Our camp cooks were of our own choosing, and it therefore ill becomes us to cast reflections on their well-meant, though sometimes not too well directed, efforts. "Something attempted, something done," has earned us the right to a meal, while the pioneering character of our labour gives us the appetites of pioneers, and lends strength to the hope that the meal may be ample and satisfying. We read

of old war horses sniffing from afar the smoke of battle, but could anything be more expressive of the hidden emotions than the sight of forty toil-stained foresters of assorted sizes, noses tilted skyward. dropping tools from all too willing hands at the sound of a bugle call, and with one accord moving dinnerward, with an expression of face that seemed to vary between anticipation and recollection? Busy as the cooks have been, they have now to "get a move on." that makes their former industry seem like idleness, as plates are presented in a manner that leaves nothing to the cooks' imaginations. Having with a fatherly eve seen the young hopefuls saved from starvation. I have leisure now to attend to my own inner wants, and if young — will get out of my plate I believe that I can find a chop or something of the kind placed there by our own chef The music of the knife and fork proceeds, and jaws keep wonderfully even time, while the smiling landscape takes on an even brighter hue. After all, there is nothing much wrong with the food, or, for that matter, with the world at large—at dinner time!

The day's toil over, what comes next? The order of the bath. Those not engaged in preparing the last meal of the day marched in solemn procession to the bathing pool, and it would have been amusing, had we not all been in the same state of funk, to see the dainty way one and another dipped an experimental toe into the clear cold water. It is worthy of note that a teacher with more courage than most folk, holding his courage with both hands, took a plunge, and raised a cloud of steam that so encouraged the youngest member of the crew that he followed suit, and made his tiny ripple, and raised his little puff of vapour. habit spread until even a fourth year boy was seen to adopt a suicidal expression of face while he attempted to establish a submarine record. With the virtuous feeling that always follows the execution of an heroic deed, we now made for home and tucker. The "food spoilers" have by this time become fairly expert in their art, and no complaints were heard, but in their place the steady munch, munch, that told of inward and increasing satisfaction. Truly romantic were the little gatherings round the camp-fires, when the remains of the meal had been cleared away. One felt that he was joining hands with the backwoods heroes of the dime novel. his imagination was stirred, and tales, veracious and mendacious, made a glowing background to an honest day's work. On one such occasion some boys, who had been out for a night ramble, returned with some lemons they had bought, and these they quickly converted into hot lemonade, and we who had not participated in the "purchase" followed the biblical injunction, and "took what was set before us, asking no questions."

#### ROLL OF HONOUR.

# SYDNEY TECHNICAL HIGH SCHOOL.

August, 1916.

Enlistments.

Gunner Victor Liljeblad (Field Artillery). Corporal Eric Coates (A.M.C.). Private Septimus Walker (A.M.C.). Corporal Keith Wood (died of wounds).

#### SCHOOL NOTES.

The most important topic of all since our last issue is, of course, the French's Forest scheme. When one has to turn out a little early on a Saturday morning, climb hills, use axe or mattock, and reach home late, tired and hungry, he gets just a slight taste of what the men at the front are doing for him. If they sacrificed everything for us, surely every man or boy in the T.H.S. can sacrifice a little leisure!

Mr. Percival's cheery presence is greatly missed. Not being of a very pugnacious nature, and yet anxious to do something to help on the cause of freedom, Mr. Percival accepted a position in one of the Y.M.C.A. stations in connection with our encampments. He should prove "the right man in the right place." We all wish him luck, and hope that when "the day"—the day of peace—comes, he may return to the T.H.S.

The recent epidemic of window-breaking has raised discussions on various topics. Can a rounder ball break ‡-inch glass?

We congratulate Fort Street on its new buildings. "One of ours" met "one of theirs," and the description he got of the modern improvements to be found in their new building would do credit to Sinbad the Sailor.

When will it be our turn? Allow x years to discuss the matter, y to think about it, z to put it on the Estimates, and? to build it (the "go-slow" policy), and you will be pleased to find that your own sons will have a chance of being brought along by their dear mamma to be entered in the new building of the T.H.S.

We welcome Mr. L. F. Meagher, B.A., and Mr. J. Stephens, two recent additions to our staff. Mr. Meagher discourses on the vagaries of x and y, while Mr. Stephens exemplifies "L'Entente Cordiale" by halving his time between the languages of Shakespeare and Moliere.

From time to time divers stalwart figures in khaki drop in, and, after a critical scrutiny, one is at last able to recognise "an old boy." As a rule, two or three years of steady growth, a sunburnt face, and a uniform make an efficient disguise. Good luck to them all!

After seeing the teachers at work "on our selection," one wag suggested that B.A. and M.A. referred, not to Arts, but to Axemanship. On being challenged to interpret B.Sc., he replied, "Beginner at scrub-cutting."

Empire Day was a day to be remembered. Mr. Meredith Atkinson's address was instinct with the very spirit of social service.

Mr. Conway's stay amongst us was unfortunately a short one. The stairs—the everlasting stairs—were too great a strain on his heart, and, acting on medical advice, he reluctantly retired once more. Even those of us who are in pretty good physical condition find that sprinting from the "boneyard" to the "celestial regions," and then to "Turner Hall," is not exactly a walk-over.

The lockers have arrived! Not another word!!

When will the craze for improvements cease? Every old building in Sydney is in danger of being pulled down. Historic trees become firewood. New streets and railway stations have altered the face of old Sydney. And now even that sacred spot hallowed by so many associations—the Quadrangle—is in danger!

Signaller Skeyhill's visit is one of the things that will live in our memories when many other matters have faded away. The absolute silence of the hall was an eloquent testimony to the interest felt by all in his story.

Mr. J. Nagle treated us to a highly interesting lecture on Mars. As a further proof—if any were needed—of his interest in the T.H.S., he offered prizes for the best essay in each year. Results are not yet available, but will be published later.

Sergeant Waterer called to see us last week. He expects to leave for the front early in September. The staff presented him with a pair of pipes, and we all hope that he may often enjoy a whiff in between the spells of strenuous work such as falls to the Engineers. One has only to look around to see many reminders of Mr. Waterer's readiness to oblige by constructing bookcases and any other articles needed by the School.

News has just come to hand (17/8/16) that Captain Harrison is lying seriously wounded in a London hospital. No further details are available, but we all hope most sincerely that our old friend will soon be about again, and—to use his own characteristic phrase—once more "bunging in" for the cause of truth and honour.

echnical High School Boys Clearing Land at French's For

N.B.—Those who are not shirkers will remember that the boat leaves the Circular Quay at 8 a.m. on Saturdays. (Bring ample lunch!) If you think of what Signaller Skeyhill sacrificed, the tennis court, cricket pitch, billiard table, or interesting novel will be put on one side on Saturdays.

#### RIFLE CLUB

Technical High School Sports,-Are we to knuckle under to the other High Schools? Shall we bow down to Fort Street, the High School, and North Sydney? Shall we acknowledge them as our superiors? Never! We are scholars of a school second to none in the State. Still, we are in danger of being held in contempt, even by Cleveland Street. We, the committee of the Rifle Club, are forced to acknowledge the fact. And why? On Wednesday, 26th July, seven men turned up at Randwick to form a team, which really requires ten, to compete against the other schools. And look what the heroic seven did. They were only eleven points behind the next team, which consisted of the stipulated ten. Now, you non-sports, think; uphold the honour of your school, join the club, furnish a team of good shots, to be on equal terms with the others, and we shall not be forced to ignominiously withdraw. Don't be a shirker, and if you are in first or second year, try for the prize for the best shot in the two years.

N. THOM, Sec.

### CORRESPONDENCE

The Editor,

Sydney, 12/7/'16.

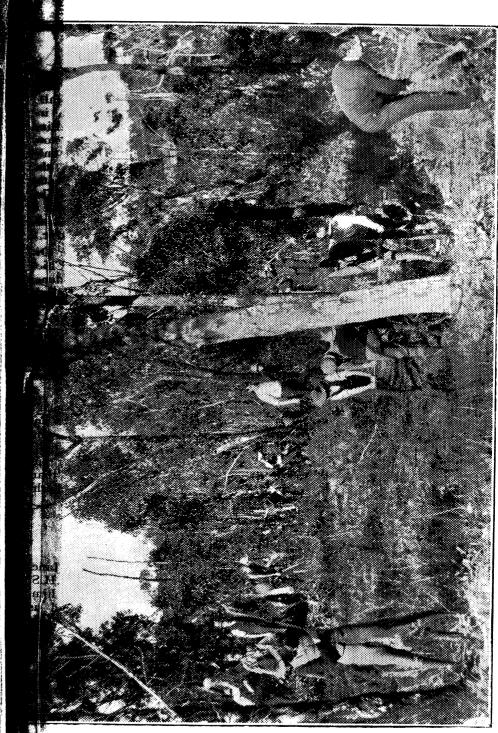
"Technical High School Journal."

Sir,—In the first issue of the "T.H.S. Journal," a paragraph appears to the effect that "a Hobbies Club exists for the benefit of those incapable of taking part in the regular physical recreation." As this statement is incorrect, I trust you will allow me to state the facts.

The Hobbies Club owes its inception to Mr. J. R. Gardiner, Superintendent of Manual Training, who suggested that a club be formed to assist boys possessed of mechanical ability, who took pleasure in making models, etc. The club was formed, and the use of the School workshop and appliances granted to members at certain times. The athletic capabilities (or incapabilities) of any boy have nothing whatever to do with his eligibility for membership. Trusting that this letter may dispel the idea (evidently held in some quarters) that the Hobbies Club is a refuge for the physically unfit.

I am, yours truly,

S.C.



do by means of a distinctly "characteristic crack," which, bred in the bush, one cannot fail to recognise. See what knowledge leads to. A large tree was just beginning to Several cries of "Hey! Look out there!" failed to startle andividual, who, to our horror, stood right in the path of the faigiant. In fact, he only glanced up at the tottering tree, then chalantly walked from beneath it! To our chagrin the tree fell half-way, when it stopped; further, to our astonishment individual, whom we thought we had saved from certain dwalked back under the tree and recommenced grubbing! only (audible) comment was, "I knew the tree wouldn't fai haven't heard the 'characteristic crack' yet!" His hearers lapsed! (This evidently does not refer to a IV. B. representation.

During the week we had the honour of a visit from the rector of Education, Mr. P. Board, C.M..G, and Mr. Dawson, C. Inspector. There was plenty of evidence of the work we had and it was gratifying to know that they were more than satisfied we also saw Dr. Arthur, and the three cheers we gave him for the finest music he had heard for some time.

At various times during the week we had the pleasure of ing Messrs. Williams, Mann, Farnsworth, Belschner, Coulson Humphries, all of whom aided greatly in the clearing of the Throughout the week we were under the care of Messrs. Be dale, Atkins and Lennard.

The Future.—Many teachers have been going to Free Forest on Saturdays, and it is up to us boys to see they do go alone. Now that the erection of the house has begun, all can possibly go to the Forest should do so. The Michaelmas days will soon be on us now, and there is no doubt whatever that the Tech. will make an even better showing at the Forest in the last holidays. We have taken this work up, and the High always finishes things.

#### PRIVATE WARD.

Whilst on the Central Station last Tuesday with Dick I noticed Mr. Ward, who was to take possession of the T. Home at French's Forest. We entered into conversation with and had a merry chat for a good half-hour. Mr. Ward told of his career, from the commencement of the war to the pretime. From a shearer and a cane-cutter in North Queensland disposition to roam led him to board a train for Brisbane. "I ing through Gympie," he said, "I noticed the hills of gold, never having been down a mine, I jumped off the train, with intention of making a descent. In Gympie I saw a crowd was

#### CLASS NOTES.

3A.—Look to me all! The class, on the whole, is progressing favourably, as the half-yearly examination results show. We must congratulate our old and respected rivals. 3B. on reaching the high standard we set, and we beg them to remember that, if we are not prilliant in certain subjects, we are consistent. There are, however, some subjects in which they will never reach our standard. Take, for example, that striking study of "stinks." On entering the chemistry laboratory many of our members are turned to genii. Hardly one lesson passes without one of them discovering some new elements in his chemical equations, and it is quite the usual thing for them to make strange compounds with weird colours in their qualitative analysis test tubes. Besides standing pre-eminent in the school with regard to scholastic abilities, we are amongst the first sporting classes. Every boy in the class takes some kind of sport, so that none can call us slackers. We supply a good percentage of the school's Rugby players, both second and fourth grade, as well as men of the first grade Soccer, and a good sprinkling of the baseball nines, and the tennis players. Besides this, we are represented in both the Hobbies and Rifle Clubs. In other branches of school routine we also shine, as, for example, the camp at French's Forest during the midwinter holidays. Out of forty boys present from the school, eight were from our class, giving us a percentage which we think no other class can excel. Under the captainship of Alan Hampton, these boys put in some very good work in clearing a plot of land for a returned soldier. Many of our members still keep up this good work by putting in their Saturdays in a useful sort of way out there. We are proud to say that we have two of our old class-mates helping to drive back the Huns, and keep the Empire together. All third year boys will remember them, one being Eric Gosling, the other our old 2A prefect, Sept. Walker. Eric enlisted about a vear ago, and was ordered with his unit, via Egypt, to the western front in Flanders, where unluckily he has been wounded in the left arm, seriously enough as to place him hors de combat, and necessitate his discharge. Sept., however, has only lately enlisted, but we know from past experience that he will do his little bit for his country as cheerfully and as faithfully as his old class-mate, who has faced the music of the German guns. We feel sure that the rest of the school will heartily join us in wishing Eric a quick recovery, and Sept. a speedy and happy return.

3B.—3B have been taking things steadily, and are regaining vigour for the final spurt for the Leaving Certificate next year. We were hardly surprised at O. Powys being beaten by R. Murray in the last term examination, since he has been such a formidable

runner-up from first year, and seeing his opportunity when O. Powys was away for a holiday, caught up and beat the Intermediate champion. We expect—and will be disappointed if it is not a close finish in the Leaving Certificate. In sport we are well represented in all sports, and, with the exception of about three, are all members of grade teams. We rely on Doherty, Johnson and Baber to bring honour to the class in the C.H.S. and P.S.A.A.A. meetings, but are disappointed because Allan Johnson is one day too old for the junior section of these meetings. Stiff luck, Squib! We have also two knights of the most noble order of windowsmashers, who have lately had a modern lesson in putting in new windows, i.e., a practical one. 3B has the honourable position of sending more boys to French's Forest than the rest of third year put together. Of course it is natural that, being the crack class in the year, and possessing a record unbeaten before in scholastic accomplishments, we must excel and outstrip all others in everything. Theoretically correct—also actually so.

is our worst antagonist. Every time we played about eight matches. 2B by at least two to nil. This is only because 2B has a bigger set of men, and a much weightier crowd. Two of our best men have been picked for grade Soccer; they are our "scorer" and centre-half, Fatty Christian, and our full-back, Bucci. The first Monday match we played against a class team in the Sydney High School, and gave them a sound beating. The score was three to nil. We expect to do great things this year, and keep up the reputation (backs), Tricojus, Christian (selecter), Stokes (halves), Osborne (vice-captain), Gourlach, Watson (captain), Fazackarley, Shake-speare (forwards).

2D.—2D is a very quiet class, as far as everyday events are concerned. Each day comes after its predecessor, bringing with it the same as any other previous day, except for a different timetable, and the occasional teasing of R.D., or some other boy of the class. Some of our boys went to French's Forest during midwinter holidays. By their accounts, they only did the same as the others-slept, ate, drank, worked, and played. "Master Dooley" is said to have done good work, and stopped for two weeks. Now we turn to perhaps the most interesting part, the sporting notes. Soccer seems to be the most popular sport in 2D at present, both "class" and "grade." We have a few Rugby players, but not many. Our class Soccer captain gives us a good account of what Soccer is like with our class. He says that on July 5th a good game was played between 2D and 1A, in which the latter were victorious by one goal to nil. The captain reckons that 2D would be a hard class team to beat if K. Lachmund and G. Bretnall

would keep up on the wings. Of the halves, Les. Everingham always plays a good game. P. Goodman played better than usual on 5/7/16. George Guinn, our prefect, usually in goal, but who played full-back on the occasion, made a mistake, and fouled the ball in the penalty area, evidently thinking he was in his usual place Nevertheless, since he for the past twelve months has proved such a good prefect, we will forgive him this time. Other Soccer players deserving mention are Gemmell and Thomas, the latter playing well for his first attempt at Soccer for 2D. It has been said that our class is third in the competition, and, if true, that position must have been gained, for the most part, by draws. with about three wins and a few losses. A bov of the 2D woodwork class was making a medal out of Tasmanian blackwood. He was told by the instructor to "dress" the wood. The bov explained that dressing was unnecessary, for it should go naked, like any Tasmanian black-wood (would).

4A.—Now that the last copy for our "Journal" has been accepted, our lives will again be worth living. Between caustic notices on the sports board, the imprecations and dark hints of the reps., we could not call our soul our own. Of course the sports notices still remain, but they do not count. Our only regret is that C.P.S. has not the same enlightened view of football that we have. Now that tennis-football has been stopped by the determined and vigorous policy of Cxx, quoits have become the fashion. Cxx is quite a devotee of the last-named sport, and indeed succeeds now and then in raising a tremendous amount of enthusiasm with his remarkable throws. Fourth year, and 4A in particular, are very glad to report a marked absence of teachers' witticisms. In a copy that did not get into print last issue (genius is always neglected), it was pointed out that the names of all teachers who perpetrated more than a certain number of jokes would be published, also the names of those pupils who laughed for more than 2½ minutes. By the way, teachers must know, for, incredible as it may seem, they were boys once, that the sole reason for scholars laughing is their desire to appease the teachers, and the more boisterous their laugh the more mystified they are as to what and where the joke is (generally the only clue that they have of a joke being made is to see the teacher smile indulgently, or guffaw loudly). For my own part, I had to laugh for x minutes, and when a fellow is suffering from a split lip, swollen face, and chilblains, it is possible to realise what martyrs some people are.

Wanted known, the whereabouts of the school sundial. It was a mistake to place it in the midst of sweetness (chance to revive "Argument" Society). We were deceived, although the dial looked heaven in the face. Tech., think of the Rawson Avenue!

What haunting memories we have of tombstones made in the workshop, and the inscriptions; the hammer, the saw (finger nails), the chisels, and the complement Latin book.

And here we are again, accurately (?) dispensing prescriptions. Surely we showed great foresight when we worked within those tin walls—as future undertakers, I mean.

Bibbing even cheered in anticipation, and what's more. we helped him.

So come along, you "mighty mites" (oxymoron?). Don't forget that fourth year occupy the "dispensary" every Friday morning, and that those headstones with their "songs unsung" are still in desuetude.

There's just another little matter connected with ye olde workshope. Who remembers hearing anyone say, "Will any boy vouch that L. doesn't say things to make the class laugh?" Silence (but facial contortions). "Come along, L.!"

Most of 4A thought that a man could marry his widow's niece. Caught in an easy trap, don't you think? That reminds me (an aphorism of Lincoln) of Mr. L's. acci-dent.

Mr. C.: "Who threw that chalk at ----?"

D.: "I did. sir."

Mr. C.: "Did you hit him?"

D.: "No. sir."

Mr. C.: "Well, if you can't hit him, don't throw it again."

(At first we missed a "seedy" attempt.)

Garbage is destroyed in an "incinderator." Comically true. chemically untrue.

True! the book lies—on the desk.

"A kaiser is a hot spring out of which boiling water spurts." Now and then we feel his front(al) attacks.

Who would think of singing "gantlet," or saying "kil-ometer"? We haven't (got) courage enough. But see, we improve!

## CHRONICLE OF SPORT.

With the issue of this "Chronicle" the winter terms will have closed. Most of us will be sorry, for the winter, despite its disappointments caused by wet days, is the season of robust sport.

The summer, with its swimming, cricket and tennis, is certainly very nice, but there is not the same snap, the same keen excitement and rivalry, as caused by Rugby, Soccer, or baseball.

In Rugby the School teams did better than was expected, though not much.

The 2nd grade team, after losing Harry McDonnell, with a broken collarbone, played a couple of games, and then lost its captain, Jack Dutton, with a twisted knee, besides losing W. Green, who went to work. These serious losses not only brought the team's weight down considerably, but necessitated a re-arrangement of the positions, which is always a serious matter to a team in the middle of the season. Despite these handicaps, the team had a fighting chance till the second game against Fort Street, in which it was well beaten.

A review of the various games played will undoubtedly give the idea that the standard of Rugby is not very high in the schools this season. That is so. The standard of play was never lower. We have seen all the teams in action, and there is little to choose between them. The science of the game is conspicuous by its absence, whether that be in taking, passing, running, dodging, kicking, dribbling, or scrumming. The sole idea of all teams seems to be to rush wildly about, kicking the ball or what else gets in the road, meanwhile filling the gaps with uncalled for remarks of doubtful character. If some drastic action is not taken by sports masters to check these growing evils, the game of Rugby will soon be a thing of the past in the High Schools. Yet Rugby is one of the most exciting and exhibitanting games. It is one that calls for intelligence, nerve, resource and stamina. What more could a parent desire his boy to be trained in? What use will a boy be anywhere who has not acquired some command of these precious qualities?

Our first match, against Parramatta, ended in a win for us by 12 to 0.

The next, against North Sydney, we won by 14 to 5. Dutton, A. Raymond and A. Holt did best work.

Against Hurlstone our boys put up a poor game, which lacked the dash and determination of some later matches. scored first, mainly through our very poor tackling, and then in the last ten minutes our boys fairly ran over them, but could only make a draw of it. They should have started to play much earlier. There was no one conspicuous for good play.

In the return match with North Sydney our boys were beaten by 5 to 3. Here, again, our team threw away two points by sheer laziness, and incidentally a good chance of the competition was lost.

Against Fort Street, a different game altogether was played. The team certainly did its best this time, and each and every boy did his share. The forwards worked like Trojans, and were superior to the Fort Street pack. The backs did some good defensive work, and made a couple of fruitful attacks. Raggatt, as full back, did a couple of excellent diving tackles, which narrowly saved scores. Raymond, as half, played his best game. Holt and Tucker did fine work among the backs. Ellison, Wythes, Hampton and W. Dutton were conspicuous among a good lot of forwards. We lost, 10 to 6.

In the Hurlstone return match, a determined struggle took place, from which we emerged victors by 6 to 0. It was mostly a forward game, with little thrill and much talk. Ellison, among the forwards, and Holt, in the backs, did best work.

In the last match to date, that against Fort Street, we were defeated by 12 to 0, although the game was much closer than the scores indicate. Fort Street scored mostly through bad tackling on our boys' part. That is one of the weakest points of our team. Every boy did his best, but the game was not an inspiring one, and unnecessarily rough. Ellison, Hampton, Knight and McLaren were the best forwards; Raymond and Holt the best backs.

We have yet to meet Parramatta, and the winner will take second place in the competition.

The seconds also played some outside matches. Against Christian Brothers II. they were defeated by 11 to 8; and against Trinity Grammar won by 30 to 5, and lost 3 to 0. The School was to meet Barker College in a return, but wet weather prevented a meeting. We will finish the season with two games—one against Christian Brothers II., and the other against Holy Cross College, Ryde.

An appreciation or otherwise of the players is given:—

Raggatt—A fair full back; tackles beautifully; kicks fairly; fields miserably.

Burgess—A poor winger; takes fairly; collars weakly; runs

Cooper—A new chum player; improving very fast; a good runner and hard, high tackler.

Tucker—A fair forward spoiled as three-quarter; played one or two good games, however; does not run straight, nor cut in; passes well; tackles fairly.

Blanksby—A better three-quarter than full back; too slow; collars very weakly; takes opportunities well.

Holt—A fair five-eights, but not tricky enough; waits to be helped, instead of helping himself; runs well; hangs on too much; can tackle well.

Raymond—A good half, but does not employ all the resource he has; hangs on occasionally, and uses the line badly; a good tackler and fair runner. McLaren—A good break away; hard and clean.

Hampton—A much improved lock; not quite hard enough among rough players; he tries to play football.

Knight-Improving fast; will make a good player.

Wells-A good, hard, bustling forward.

Iones—A light, but fast, good forward.

W. Dutton-An off and on player; mostly hard and good.

Perkins—A useful man, with much to learn in the way of hard, forceful play.

Spence—A good front ranker, who shapes well in the ruck, but very poorly in the open.

Wythes—A solid front ranker, who is good in the ruck and fair in the open. He could use his weight to better advantage.

Ellison—A good centre-forward, who secures the ball well; dribbles well; tackles clean and hard, and sometimes scores; he talks too much yet.

The fourth grade team was as unfortunate in losing men as the second grade. Oliver, of full back fame, has gone to work. Foster, the half, has been ill for a couple of months. Perrin is working. All were useful men, but Foster was the hardest to replace.

The fourth grade are an unsatisfactory lot of players. They never come out to practice, but they badly need it. However, they play a better game in some ways than the second grade. That is mainly due to a few of the players who played fourth grade last year. If the new boys would take a standard by these boys' play, the fourth grade would be an excellent team. The season is nearly over, so we will leave our hopes till next year. So far, the fourth graders have not been beaten, as a record of their matches will show:—

- V. Parramatta, won, 24 to 0 and 22 to 0.
- V. Petersham, won, 40 to 0.
- V. Sydney High, won, 33 to 0 and 22 to 0.
- V. Cleveland Street, won 18 to 0.
- V. North Sydney, won, 24 to 0.
- V. Fort Street, won, 21 to 0 and by forfeit.
- V. Hurlstone, won, 3 to 0 and drew 6 to 6.

The only evenly contested games were those against Hurlstone. In the first game the brilliant defensive work of Johnson, and the determination of Lipscomb, alone won the game. In the second, the excellent work of Johnson, both in attack and defence, and the exceptionally brilliant run by Walsh, saved defeat.

Fourth grade have to meet North Sydney. If they win, the competition is theirs for the second successive year.

Souter is a poor substitute for Oliver as full back, but played a fine game in his last match.

White is an excellent three-quarter; takes, runs, kicks and collars well.

Walsh is a spasmodic three-quarter; sometimes very good; mostly too lazy to use all his speed; cuts in well; knows all the tricks; does not use them as often as he should; must be classed a good man.

 $\label{eq:def:Dempsey-A} Dempsey-A \ good \ three-quarter, \ improving \ fast; \ should \ run \ straight.$ 

Reid ought to be a star performer; can run and collar, and is strong and active, but he is not even a good player.

Johnson—A star performer; he does everything well but tackle; he always gets his man, but mostly too high; he should go in at the hips, knees or ankles, and see how the other fellow comes down; his running, side-stepping, and neat passing are treats to watch.

Weil—A fine battler; collars hard; takes well, but hangs on too much; a real good player.

Davies—A promising player, whose improvement is very marked.

Carey—A brilliant forward; the only real tackler in the team; always on the ball; runs well, passes well, and even passes in.

Lipscomb—The strong man of the team; keeps well on the ball, and is running and passing in much improved fashion.

Lincoln—The light man of the team, but a great busiler, who plays very intelligently.

Bernauer—A fair forward, but too fond of kicking; he is not yet a part of the machine.

Apps—One of the players who is getting worse instead of better; he gave promise of being very good.

Kavanagh—A good centre-forward, but not much elsewhere.

Horn—A fine forward; improving every match.

Borga—An improved player; too limp vet.

O'Brien-An improved player; also too limp.

Turvey—Coming on well, but has a long way to go.

Hatch—Has had few opportunities to show his quality, but is eager and game.

McCormack—Too light for this grade, but very good at times; his ideas are good.

The Soccer teams are a good lot. The losses sustained by first grade were made good by volunteers, but it was found impossible to keep 2nd Senior going. The losses in second grade, too, have weakened its combination considerably. Soccer is essentially a game of tactics and skill. All the wild-bull rushes are no good in it. We had an excellent illustration of this in one first grade match, where a fast, but clumsy, rushing player of 12 stone was easily robbed of the ball time on time by an experienced 7 stone player.

The first grade team has won the competition for the fourth successive year, that is, ever since the High School League has been in existence. Thomson and Streatfeild have been in the teams all through. Pople has been in the team for three years.

The competition this year was very closely contested. No one team was much better than the other, as a record of the goals will show.

Our team v. S.H.S. drew 1 to 1, won 1 to 0, lost 0 to 1, won 1 to 0.

Our team v. Fort Street, won 5 to 1, won 2 to 1, drew 0 to 0. S.H.S. v. Fort Street, lost 1 to 2, won 2 to 0, won 2 to 0.

Our play throughout has been good, but not brilliant. Up to a certain point it is all right, but at that point breaks down from lack of finish. What is the good of running the whole length of the ground and beating a lot of opposition to kick a miserable one not within 20 feet of the goal, or to give a weak pass to the centre, or to centre when the centre is not there? What is the use of clearing with a fine kick right to the oncoming halves? Lack of practice accounted for many of our weaknesses, and only the football learnt in past years carried our boys through. Our team was practically unchanged throughout.

Markham kept goal well, and sometimes brilliantly, and made very few mistakes.

Pople and Johnson were always safe and strong as full backs, though Pople occasionally miskicked, and nearly brought on trouble.

Dempsey, as centre-half, did well, but should think more of attacking than defending.

Horn, as right-half, was at times brilliant, and always safe. Davison, as left-half, improved wonderfully from his first game, which was weak, to the last, which was excellent.

Armstrong, as an outside-right, played games which were weak and games which were good.

Streatfeild, as inside-right, played with his former dash and accuracy.

Thomson, as centre-forward, played better than ever, and that is saying a lot. His shooting was not perhaps as deadly, but his running and dodging, and his clearing shots, were better.

Grey, as inside-left, played some good games, but lacked combination with his centre.

Maizey, as inside-left, was usually good, but much needs a finishing shot or centre.

Doherty, as generally useful man, did satisfactory work.

Second grade (II. C. class) will finish about the middle of the list. They played irregularly. They beat some good teams, and went down to some weak ones. With a little luck in the early stages, and perhaps a little more dash and determination, they had a good chance of being near the head of the list.

Tatham is a fine goalie. Grant is an off and on full back. Lamond is a good full back, only needing experience. Horsley, Hamilton and Fraser are three mediocre halves, but all good triers. Clarke is a good, fast and tricky outside-right. Fleck is a good but over-deliberate centre. He is the best corner kicker in the School, and has given his side many fine chances from his excellently placed corners. Fitzpatrick is an energetic, lively forward. Gardiner is a good outside-right. Stockman was a good but lazy player. Alderson was a very fine forward.

Third grade A has a fine little team, drawn mostly from II. D. class. They are still well in the running, and may yet play in the final, or win outright. Their play in recent matches has been very fine, and very full of confidence. Hunter, though rather small, is generally safe in goal. Parsons and Mostyn are good backs. Parsons has the better kick. O. Powys, Baker and Fisher are safe halves, who give the forwards good passes. James is a fast, if slightly clumsy, outside-right. Cox is a quick and energetic insideright. Smithers is a good centre, who, however, lacks a hard driving shot. He should practise putting them in. Jackson is a bustling, rushing forward, and Browne is the outside-left, and recently playing the best football of the lot. Gray is the emergency man, and

Third grade B. is at present leading, but have to meet S.H.S. and our own III. A., so anything may happen. Third B are playing very well since their defeat by Parramatta.

C. Fleck has turned out a fine goalie, and never misses any possibles. Stevens and Saxby are solid backs, Saxby the better. Dawson, as right-half, is sometimes weak, but Lynch and Baber are always reliable, fast and strong. Irwin, as outside-right, plays sometimes brilliantly and sometimes, but seldom, very poorly. Bonner is always a trier, and sometimes quite clever. Small is a

good centre, and has a nice hard drive, which he should use more. Audley is a good worker, but lacks a kick. Why not practise? McCarthy is fast, and gives his centres plenty of chances.

III. C., a newly formed combination, has not suffered defeat yet, and has one win and two draws to its credit. It is hoped the match practice this year will fit its players for the competition ranks next year. Katzka or Russell fills the place of goalie, and it is hard to say which is worse. Bucci and Holdaway, as full backs. are doing well. Gillings, as half, still tries to play all the other side. L. Powys, as half, is doing good work, but Christian, as centre-half, does most of the back work, and does it well. He comes down the field with the ball like a professional. Scott is a good centre, but hangs on too much. Guthrie is good. Duncan is also useful. Mendel has played well. Watson is good, but lazy. Fisher is improving fast.

The School's baseball teams have proved the most disappointing item this winter. Not that their lack of success should detract from them. They could have been good teams, and still be beaten every time. They were bad in that they did not stick to their guns to the last. Finding that they were not successful, boys began to drop out, like rats from a fated ship. As our principle in sport is not to force a boy to play a game he wishes to drop, we allowed those boys to drop out who wished to do so, with the result that the first grade team was weakened, and the second grade practically disbanded. Those boys who wanted a second team put in should have had pluck enough to stick to it till the finish. But for these defections, the games could have been kept going well.

First grade had a good team, and played many close games, on occasions being beaten only by one run. The team sadly needed a coach and teacher in charge, but as Mr. Owen has gone on to the Cadet Staff, baseball's chances here look poor.

Taylor, as catcher, is very constant, and always there. Turnbull, as pitcher, is somewhat erratic and sometimes looker on. His stick work is good. Mould is the player of the team, as well as the general manager. His catching and fielding are brilliant, and his clouting safe and heavy. A few more like Mould in the team or the School, and then sport would be on a higher level. Hammond is a useful man, always there, a good batter, and a true sport. Skott is also generally useful, and fills a bag anywhere successfully. Turner is an enthusiast, and as pitcher for the seconds deserves much better support. Shoults, too, is a trier, and will make a good player with practise. Jervie and Mullaly are recruits with enthusiasm. Walker is a good second grader.

Tennis this year is in every way below the standard of last year. There are not as many boys playing; the enthusiasm is not nearly as great, and the quality of the play is far lower.

Our first grade team has done well, and has always given its opponents a good game—the better the opponents the better the boys shape. Some of the games have been very close, and we have won or lost by the margin of only a couple of games.

Hinchliffe is a player of the careful, trying sort, who does more effective work than many much more showy players. He is a keen player and good sport. Williams is on the indifferent side, and gives the looker-on the impression that he could do much better by the exertion of a little more energy. He has improved much, but should cultivate a hard, driving return and a high, hard serve. He can reach some height. Robertson is of the showy variety, and evidently believes that style counts for something in tennis. It does with some people, and a little of it might be allowed to the young after the solid work of tennis has been learned. Robertson, however, plays very fairly, and is very keen on the game. His chances for our captaincy are good. Genge is the making of a fine player. His work is neat and clean, but he, too, needs to leave the polish till later on.

Both second grade teams are only medium. They have yet to meet to decide which is the worse. We fancy II. A. will win.

Both captains are inclined to see huge motes in all the other players' eyes, and are too inclined to grumble. The best cure for weakness in a partner is extra exertion on your own part. The other regular attendants on the courts are doing well. We like the style of Belshaw, Shaw, McCandless, Venables and Badman. Two of our best players departed—one to make rather poor engines, and the other to make very low scores on the range.

The captaincy and other championships will be played off after Michaelmas vacation. Any boy in the School is eligible to compete, provided that he is a member of the Sports Union. We expect a record entry this year, as many of the footballers are keen on tennis.

Class Soccer is drawing to a close. It looks as if II. B. will win the competition. They are not much of a team, however—very clumsy, slow and irregular. Their size evidently bluffs the others. I. A. are running second. This team also is an erratic one. Many of its members are not rational enough to play the game seriously, and a couple think too much of their shadows and curls. II. D. is a forlorn team. Its members are always sad and woebegone. I. B. has a good little team, but no good shooters; it therefore seldom scores goals, but as its goalie, Henstock, is very sure, it also saves many, and has played many scoreless draws. I. C. is a rattling good team, but for some early mismanagement and bad selecting would have gone close to winning. Its little players are heady and nippy. Andrews, Dearing, McCormack, etc., are good. I. D. has a much improved team. It should have done better.

Scott, Ward, Stevenson, McMahon are players above the average, and should get into grade next year.

The class and year championships will be conducted on August 30 and September 6, and are expected to produce some good games. II. C. is looked upon as a cert for the class championship, though III. B. may put up an exceptionally fine game, and come out on top. Any class may enter a team.

We have had many very close and enjoyable class games with teams from Sydney High School. Honours are about even, though we like the general evenness of their teams better than our own. Some of their little fellows in recent games have shown remarkably fine dash, good dodging, and accurate shooting. Our teams all lack the essential shot, and some of them the necessary determination, to make winners. We are highly pleased with these games, and hope the practice will not only be kept up, but extended, in future years. It can, however, only be a success if there is the true class and school spirit in the boys. Some of our boys have neither class spirit nor school spirit; in fact, they seem to have no spirit at all. It would be hard to answer the question why they are in a High School.

The thanks of all classes are due to the boys who referee each week for the Soccer class games. These referees are a most necessary part of the system. It speaks well for the members of the first and second teams that on no occasion have we had to ask in vain for referees. The response has always been just what the most exacting taskmaster could have wished. We have had very few quibblings at decisions, and invariably they prove the ignorance of the quibbler and the rightness of the referee. We take this opportunity of thanking those referees, and of recording the School's appreciation of their self-sacrifice.

The Rugby boys have had several practices with Cleveland Street. These were beneficial to both teams. Fourth grade Rugby has also had a few outside matches, and is looking for more. The game against S.P.S., Darlinghurst, was very close and exciting.

Sports meetings are looming close. Our contributions promise to be of fair quality. Our entries to the P.S.A.A.A. were poor, and not nearly as numerous nor of as good quality as we expected. Our relay teams and tug-of-war teams are good, and should get places at least. We depend mostly on McLareen, Williams, Doherty, Spence, Bishop, Streatfeild, and Perkins in the senior section of the C.H.S. meeting; and on Burgess, Dutton, Fleck, Walsh, Fitz-patrick and Smithers in the junior section.

Our own sports should attract full entries and keen contests. The little fellows are particularly well catered for, and there should be entries from every boy in the School. Surely no boy is so useless or miserable or mean that he cannot do something that day.

We have not checked the members' list for some time, but believe that most classes have well filled lists. Fourth and third years this time are good sports and financially sound.

The sports reps. of I. A. and I. B. report good support; in fact, I. B. reports books closed, and, we believe, is the first class this year to close its books. Well done, I. B., you are keeping up some of the traditions of past I. B.'s, which have invariably been the best first year classes.

Quoit championship will be played off after vacation, and will be run as follows:—

Class Championship Singles, 31 up, at 9 feet. Year Championship Singles, 51 up, at 9 feet. The three leaders from each class to compete. School Championship Singles, 101 up, at 9 feet. The three leaders from each year to compete. Class Championship Doubles, 51 up, at 9 feet. Year Championship Doubles, 71 up, at 9 feet. Two pairs from each class to compete. School Championship Doubles, 101 up, at 9 feet. Two pairs from each year to compete. School Class Team Championship, 101 up, at 9 feet. Ten men aside—one team from each class.

The junior cadets have had three field days on the Sports Ground. The first two were confined to boys of our own school. The attendances were good, and the contests keen. The games were the cause of good fun. The main competitors were of the 1902 class, and many of the first places fell to athletes like W. Dutton, E. Tucker, R. Alderson, E. Harris, and H. Lipscomb. The second year boys won most of the team contests, and were successful in the relay races and tugs-o'-war.

The third meeting, on Wednesday, August 9, was open to all the High Schools. Sydney High, Fort Street, Cleveland Street, and our school were represented. Sydney High won the aggregate, scoring 33 points against our 27, Cleveland Street 14, and Fort Street 9. Our drill squads in steadiness and snap did not come up to the winners. In other contests we held our own.

H. Ward ran finely in the 100 yards championship, and won comfortably. He also did well in the 440, and finished second, and was a strong man in the relay race, in which we also finished second.

A. Bonner was our other good man. He won the high jump at 4 feet, and ran fourth in the 100 yards championship. His runs in the 440 and relay were also good. S. White, V. Harley, H. Scott, L. Simpson, E. Fisher, and C. King also did well in

the running and jumping. These boys should remember that they will be the school's reps. in future years. A little judicious practice is all that is needed to keep them up and improve them. Schoolboys do not need "training." It does much more harm than good.

The school Soccer team deserved great credit for its win by 2 goals to 1 against the Maitland-Newcastle team, which visited the city on August 11 and 12. The team was hastily got together. and the Sports Ground secured through the courtesy of Mr. Booth, hon. sec. of the N.S.W. Association. The team consisted of Tatham. Grant. Johnson, Blanksby, Horn, Davison, Maizey, Fitzpatrick, Thomson, Doherty, and Fleck. No one would give it a chance against a team which defeated S.H.S. by 3 to 1, and no fluke at that. Our boys, however, can rise to an occasion, and have invariably done so. When pushed like this, or, as players generally say, "up against it." Skipper Thomson is at his best. He was certainly doing some in that match, and made most of the opponents look cheap. His play inspired others, as Doherty and Fitzpatrick gave of their best, and Maizey and Fleck seemed to do better than in ordinary club matches. Fleck's corners were excellent—one was scored from, and another should have been netted. Horn played beautifully, and was well backed up by Blanksby and Davison. Johnson was the strong back. We have seldom seen him play better, and that is saying a lot. Grant was a bit nervous and inclined to miss. He has played much better games. Tatham was safe, and took risks which fortunately always came off. He handled the ball well, but is not a solid puncher. The game was a good one. The country team would like us to return the visit, but we think the season too far advanced.

The Rugby match for second place in the second grade competition, between our boys and Parramatta, resulted disastrously for us. Parramatta played with commendable dash and grit, both of which qualities were lacking in some of our players. Our boys played their worst game of the season. They were out-played, but could have put up a much better game. There are two games yet to play, and we may still finish up with a really good game. Ellison did all that could be expected from a good centre-forward, and tried very hard to keep his team going. He was well supported by Jones, Hampton, McLaren, and Holt.

Fourth grade defeated North Sydney by 14 to 3, and thus finished the competition three points ahead of Hurlstone. Hurlstone was the only team to give the fourths a really good game. The fourths' record was 14 matches played, of which 13 were won and 1 drawn, while 221 points were scored against 9.

Johnson again proved that he was a fine footballer by doing most of the good work, and one particularly fine run. Weil, Horn and Souter were other prominent players.

Second grade Soccer defeated Petersham after a good game by 3 to 2. Mr. Farnsworth, who is with the sports now on Wednesdays, refereed the game. His experience in Soccer will do much to raise the standard of play.

Third A won by forfeit, and third B defeated North Sydney by 2 to 0. The class games were continued again, and proved very close. The last round will be played next Saturday. The results may change the order of the classes—2B or 1A should win.

# PADLOCKOLOGY.

Walk into "number twelve" or "number nineteen," and you may see dozens of lockers. Though at first a blessing, these lockers are now becoming a thing to be reviled, both by boys and teachers. Lockers are not to be used between 9.5 a.m. and 3.30 p.m., and books are often left in lockers, wherefore is there weeping and wailing and gnashing of teeth.

With the lockers naturally come locks—locks of all shapes and sizes—and with the advent of locks comes a new science, padlock-ology. By means of this science the enlightened ones are able to deduce the character of a person by his padlock. For instance, this massive piece of ironmongery, which our school Raffles could open with a bent wire, denotes an honest, plain character, who puts his faith in strength. Beside it we have an old battered Miller lock, showing that the owner was probably of Scotch descent. The shining Yale and Corbin locks scattered here and there display a love of show, and lavish spending of money, while this complicated combination tells us that its owner has a suspicious and cynical view of human nature. Our science is not yet perfected, but these few examples will demonstrate how far we have got.

R.H.

#### TO CONTRIBUTORS

No NAME: Gallipoli letterheld over on account of Signaller Skeyhill's lecture.

A.J.R.:—The T.H.S. Journal is run to encourage originality in T.H.S. pupils. We have no desire to encourage the mere clipping of clever things from other newspapers.

R.J. (2A.):—Try again. Not quite suitable.

No Name: - Fiji letter held over.

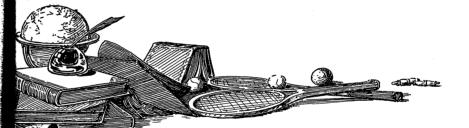
R.M.:-Try again. Subject rather childish.

E.S.:—Try again.

K.ell Wonald



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# TECHNICAL HIGH SCHOOL JOURNAL

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# Techniqal High School Jouqual

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No. 2.

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# EDITORIAL, 1916

"The weight of this sad time we must obey; Speak what we feel, not what we ought to say."

Looking back over the year, one cannot but feel the overshadowing influence of the great international struggle between Democracy and Despotism. We have seen little of that struggle, save for the occasional arrival of a hospital ship with returned wounded, or the departure of a transport with much-needed reinforcements. But in all classes there are few boys without some near friend or relative "at the front." School work has, therefore, suffered. There are some who have never felt their emotion stirred to the depths by the last good-bye as a brother passes through the gate on to the wharf, who can pass by the casualty lists with callous indifference, because no one of their breed is in any danger abroad. But there are few boys of any age who have not felt that the ordinary routine of school life seems quite trivial when compared with the stern realities of the battlefield. Thus it can hardly be expected that results this year should be so good as formerly. Teacher and pupil alike have been affected. And yet, in a school such as ours, this depressing influence must be combated with all our energy and The demand for engineers and scientists in the determination. vears succeeding the war can only be met by the thorough training of the youth of to-day. Ships can be built in a year, increased crops harvested in a few months, but the demand for skilled professional men can only be met by years of steady application, in peace and in war. Every boy who has entered the School should complete his course; every parent who has signed a bond should be true to that solemn promise to keep the boy at School until his course is completed. Abroad we need brave men to fight; at home we need boys determined to study in order to fit themselves for the future.

#### THE GROWTH OF THE SCHOOL.

In the first part of this record Mr. W. L. Atkins' name was inadvertently omitted from the list of the first staff of the School. He had charge of the Drawing from the very inception of the School in March, 1911, and has, therefore, served the School longer even than Mr. Baxendale. The T.H.S. is fortunate in still having these two teachers on the staff, for their active service in all that tends to the advancement of the School is an example and inspiration to all of us.

The School enrolment increased rapidly in the early part of 1912, and the following teachers were added to the staff:—Messrs. W. Munro, R. Jerrems, C. H. Harrison, W. Bartrop, J. Swan, J. H. Smith, and Misses K. Atkins and L. Geer. The Turner Hall, which was just completed, was given over entirely to the girls' classes.

In July of this year the High Schools of the State were reorganised, and the T.H.S. was raised to the rank of a first-class High School. Henceforward each subject was to be taught by a specialist. A new and carefully selected staff was therefore appointed on 10th July, and consisted of:—Messrs. W. Lennard, L. E. Penman, C. H. Harrison, J. Baxendale, T. R. Mallett, J. W. Mann, W. Bartrop, W. L. Hammond, and Misses L. Geer, K. Atkins and L. L. Marks. Mr. J. R. MacLean arrived in August, and Mr. R. Jerrems returned in September. Mr. R. Mulvey spent a month with us about this time. In September Miss K. Atkins and Mr. G. Cantello left us to take up important duties elsewhere.

As the present manual work shops were not in existence in 1912, the woodwork and metalwork were taught in the College workshops by the late Mr. Wilkie and Mr. Hanley, of the College staff. Miss Munro and her staff continued the work of training the girls in Domestic Science and Cookery, whilst Miss Roberts and her assistant, Miss Fox, did similarly in Dressmaking and Millinery.

The "tuck shop" had its origin in the latter part of 1912. The idea was Mr. Penman's, and Mr. Turner was pleased to build him the present shop, with two windows, one for the girls and the other for the boys. The continued success of this popular institution is a standing testimonial to Mr. Penman's business capacity.

The School library took form and shape, under Mr. Lennard and Mr. Baxendale, about the last quarter of 1912. The first books were all bought at the suggestion of the boys and girls themselves. Mr. Turner, as in many other things for the good of the T.H.S., had pleasure in footing the bill as Superintendent of the College. The School sports and the Senior Cadets throughout the vear were ably managed by Mr. W. McNiven. Mr. Turner. ever ready to be persuaded to do something for the School, gratified Mr. McNiven's wishes by erecting the present sports depot and shower baths. On Empire Day the School assembled for the first time in the Turner Hall, and stirring addresses were delivered by Mr. Turner, the late Mr. Ross, and Mr. Hooper. tember the first School sports were held in the Sydney Cricket Ground. We joined forces with the Technical College and Hurlstone High School. It was an all-day meeting, and a separate programme was arranged for the girls in No. 2 ground, where Mr. Penman was quite at home in securing a due observance of the rules of sport by the fair competitors.

By the end of the year the teachers and pupils had fairly settled down to the new syllabus, and as a result of the final examinations, "Roland Lee" was placed first among the boys, and Dorothy Donohoe among the girls.

For "Breaking-up Day" Miss Marks and Miss Geer had prepared a concert and drama. We were treated to some excellent music, instrumental and vocal, by teachers and pupils, and the drama by both boys and girls was a great success. A very pleasing finish was thus given to a year of solid progress.

# SCHOOL NOTES.

At its last meeting, the University Senate conferred the degree of Master of Arts on Mr. T. R. Mallett. We heartily congratulate him on his success, and sincerely hope that he will soon receive an appointment in keeping with his attainments.

Roger Heard has been successful in securing a Coutts Scholarship in Science, and is now in St. Andrew's College with Jack Stephens (our other Coutts scholar) as a neighbour. The Technical High School has good reason to be proud of these two Old Boys.

From time to time members of our first batch of "exhibitioners" drop in to revive their memories of their old school. Gordon Stuckey—looking not quite so boyish as he used—Roger Heard,

Lionel Hepburn, and Jack Stephens, paid us a visit recently. All seem to be doing well. This year's University results will be scanned very closely by many of us. Present indications seem to give an "Old Boy" an excellent chance of carrying off the First Year Prize (£40) for Physics and Chemistry.

The enlistment of "Bluey" Wythes and Jack Dutton is one of those events of which we are proud, and for which we are sincerely sorry. A majority for conscription would have placed the responsibility on older and more selfish men. We wish both lads a safe return at the end of the struggle. "Bluey" ought to make a good manager of a "canteen" after his experience in Mr. P.'s emporium.

The Roll of Honour, designed and built by Mr. Humphries, our woodwork expert, will be a feature of our school-hall. It is worthy of those who have gone at the call of duty to fight for all we hold dear.

W. Martin, a first-class lad, secured a place at the examination of candidates for admission to the Naval College at Jervis Bay. We now have boys on land, at sea, and in the air!

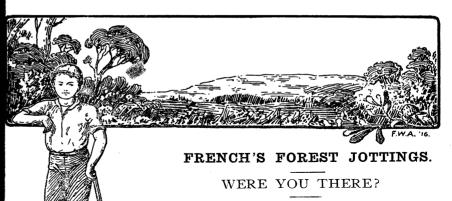
All boys leaving School this year are reminded that the sooner their text-books are returned the better for those who are waiting to take their places.

The School atmosphere at present is volcanic. The internal exams for promotion, the bursaries exam for ambitious First Year "midgets and microbes," the Intermediate for "half-ways," the metamorphosis of "Thirds" into "Fourths," and—last, but not least—the Leaving Certificate for the 1916 top form boys.

The Turner Prize for popularity, leadership, general manliness, and school service, was won by James Spence. We congratulate him on his success, and trust that our "Rhodes" scholar will do as well in the University as he has done with us.

All pupils are reminded that there is a fine scholarship scheme linking this High School with the Technical College, via the Intermediate and Leaving Certificate examinations.

It gives us great pleasure in this, the last issue of the "Journal" for the year, to place on record our appreciation of the kindness and the courtesy shown us throughout the year by the Superintendent. Mr. Waugh, the Assistant Superintendent, Mr. Hooper, and the Registrar, Mr. Hibble. In the spirit and in the letter, they have carried out the promise given to Mr. Elliott when the School was taken over by the Chief Inspector. Indeed, they have gone beyond their undertaking, and given us help and countenance, for which we are very grateful. Knowing that each of them has a son at the front, the heart of the School is with them in their hopes and anxieties.



The last month has seen the final touches put to the house. A number of highly objectionable stumps have been grubbed out, and the addition of gates to the fences makes "our selection" look more homelike.

We wish to express our thanks to the "Sun" for the use of blocks for our August issue. By an oversight this

kindness was not acknowledged at the time.

Our thanks are due to the College authorities for their interest in the progress of the building. We are under a great debt to Messrs. Patino and Hockey, who cheerfully spent several Saturdays on our job. When men who are not connected with the School are so ready to assist, the question at the head of this column becomes rather awkward—that is, if you claim to be a patriot and the possessor of a conscience.

Mr. Hockey had several very willing pupils. Some specialised in cils, others in whitewash, others led themselves to believe they could put more paint on the walls than on the floor. Still, where there's a will there's a way, and the painting of the chimney was the climax of achievement. A black cat, which wandered in just as one enthusiastic artist had painted—or put white paint on—everything within his reach, will never know the risk it ran.

Before going to the opening on Wednesday, 13th inst., take a glance at the illustration in the August issue. The contrast is indeed a striking one.

As reported elsewhere, some of the old girls and boys paid a visit to the selection. They were rather amused at the extremely changed appearance of some of the staff. Not the physical appearance, but the sartorial.

Mr. McAndrew, the superintendent at French's Forest, has a high opinion of the resourcefulness and capacity of many of our boys. This good opinion has a foundation for the percentage of boys who do not work hard all the time is extremely low. (The word "capacity" is somewhat ambiguous, yet it is true in both senses.—Ed.)

The following boys have made themselves notable by the number of their attendances:—

1C: Chapman 6, Clayton 6, Horn 6, White 14, McDouall 9.

1D: Jones 17, Parker 9, Woodley 8, V. Smith 7.

1B: Carr 13, Gerlach 7, Haugh 9, Kenny 8, Reid 13, Trikojus 12, Shakespeare 7.

1A: Astle 7.

Third Year: Venables 10, Stevens 10, McCarthy 14, Hampton

11, Johnson 7, Baber 8, Doherty 7, Grigg 10.

Two boys stand out above all others for consistency in attendance and effort—Dick Cork and Harold Raggatt. One can scarcely imagine them away from the job. Not even the near approach of the Leaving Certificate Examination led to any slackening of Raggatt's interest. When it is remembered that the weekly trip to the Forest cost on an average sixpence, the self-denial on the part of parents and boys is even more praiseworthy.

A letter from one mother makes good reading:—

Dear Sir,—I regret that Norman has been unable to take as active a part as he would have liked to at French's Forest. Owing to his father's absence on active service there are little responsibilities which he has to fulfil in his spare time, so I herewith enclose amount as Norman's share. I wish it could be more, but one has many calls these times, and one likes to help a little all round.

I think it grand of all those lads helping with such spirit and

willingness, doing what many men should be doing.

There is not any fear as to the future of lads of that stamp, and I close, wishing the promoters and all interested success.

Yours sincerely,

E.N.S.

The hon. organiser of the "chook" parade writes:—A poultry farm without poultry: essentially that was the position on "our selection" at French's Forest. A neat cottage erected, the allotment fenced and cleared, vegetables and flowers in varying stages of propagation to test the potentialities of the soil, fowl runs and houses erected—all these, and yet no fowls! The path for further practical effort was obvious. The effort must be practical, in keeping with the aims and traditions of the School, which has for its ultimate aim the making af educated, practical men.

In view of the foregoing, a scheme was launched to stock our farm with young poultry—not by purchase, but by voluntary contributions in kind. The success of the scheme depended entirely upon the manner in which the boys took it up; and like all things worth doing, they took it up in the true Technical High School spirit. The scheme was for each boy who could to bring on an appointed day one pullet. From the first day success was assured. Class competition soon arose, and as the numbers were announced from day to day excitement ran high; even higher than in the

class Soccer and cricket competitions. When the final figures went up. 2A and 2B divided the honours with 21 contributions each. but as the former gave 10/- in cash. I declare them the winners. 2D did well owing to the splendid effort of one boy. 1B also did well. Third year could have done a little better, the donors excepted. Perhaps mock modesty prevented them from becoming fowl mongers. Many urgent enquiries—what day? It was fixed. Too late for one boy, who, tired of waiting, brought his rooster (not a pullet) to keep sentry in the workshop. But alas! the sentry escaped from his confine, and even challenged the Headmaster. The day arrived. We expected many shapes, sizes and colours, and we got them. Nevertheless, they were all good sorts, with a future before them, and in a few cases a good pedigree behind them. Contributions rolled in till we had over one hundred head-enough to fill several crates and boxes. These, together with building materials and two bags of feed, the result of monetary contributions, were then despatched to French's Forest, a total journey of 24 miles. Transport has always been our greatest difficulty, but in this matter the College Registrar kindly provided a carrier.

As a result of the effort, our returned soldier now has a complete farmlet, a going concern, for many of the fowls laid the first day. In conclusion, we thank all who rendered both material and monetary assistance, and specially mention Albert Miller (6 fowls), Leo. Powys (13), Maizey (8), and Cook (a fine trio of Black Orpingtons).

A name-plate, "Techneia," from Mrs. McDonald, and a dining-room table from Mrs. Smith, are acknowledged with thanks. A bed and bedding, obtained by Miss D. Donohoe from an anonymous donor, formed a welcome addition to the household stores. Several kind friends and neighbours of some of our boys also assisted in making the "chook parade" a great success.

We are not superstitious, but all the same it is good to notice that the first hen brought into the School laid an egg within twentyfour hours.

The departure of the fowls for the Forest was one of those events which will long remain in the memory of those who did their best to stock the runs.

The opening ceremony has been arranged for Wednesday, 13th inst., at 3.15 p.m. Mr. Board, Director of Education; Mr. Dawson, Chief Inspector; Mr. Nangle, Superintendent of Technical Education; Mr. Gardiner, Superintendent of Manual Training, and Dr. Arthur, originator of the French's Forest scheme, will be present. A large gathering of friends and well-wishers is expected, and, given fine weather, those who have not seen "Techneia" will receive a pleasant surprise.

WERE YOU THERE?

# ORIGINAL LITERARY CRITICISM AND SELECTIONS.

"Really, Shakespeare crowds the facts of about eleven to fourteen years into about two years, thus making his play a tragedy."—J.D.M.

"Richard did not actually have all the murders to himself, but it is all crowded in to make a play of it."—F.S.

"Everingham, Grenville, Raleigh, Drake."

"Parzing." (As not one per centum of the school population of N.S.W. pronounce this word correctly, this spelling is perhaps pardonable.)

"Submarines have two tanks, one on each side of a long, cigar-shaped body, which is flat on the top, with a conning-tower above that, and then a periscope above that again, about the size of a jam tin, with which they look for enemy vessels when under water, in which compressed oxygen and air is placed."—I.B.

"Margaret was a masculine female."

"As for her prophecies, she prophecided that R. III. should die by his sword."

"Margaret said that Elizabeth would come to her and ask her how to cure Richard"

"The submarine dives and sails under water."

"She said that Buckingham would say later on that poor Margaret was a profitess."

"He has other bad points also. He is murderous, cruel, un-

faithful, and bears with himself irony."

"Margaret had been displaced from the throne in preference to Elizabeth."

"Richard III., according to the account given by Shakespeare, is not altogether correct."

"Richard is a double-toothed liar, as Shakespeare calls him."

"Richard had offered Buckingham the heresy of Hereford when he had gained the throne of England."

"He was a hunched back and a lover of war, and died in his

glory when he died fighting Richmond."

"Bands playing and money-boxes rattling were the only things that marred the day."

"Queen Margaret was the husband of Edward the Second, and mother of the young Prince Henry, who was stabbed at Tewkesbury."

"The cloud was very low, and a howling nose was heard above."

"One of those hot, sultry days which frequent the plains of New South Wales."

"I was riding from one station to another in the brawling hot sun."

"On the opposite side of the river were two men, and Quentin hollowed out to them."



"OUR SOLDIER" AND HIS FAMILY.

"Richard was a double died villain."

"Edward had shut him up with a prophecy concerning Clarence's name."

"Besides being a murderer, Shakespeare shows him to be a thorough villain." (First hint that our greatest poet should be included in the Newgate Calendar.)

"Clarence believes what Richard says, and blames Edward for his imprisonment and murder."

New version of "Excelsior"—"A steer stood in his bright blue eye."

#### "OUR SOLDIER."

On arrival at "the forest" on a recent Saturday morning, we unexpectedly came across a pile of household goods and chattels heaped on the verandah of our half-built house, and further investigation brought to light "our soldier" and his cheerful and kindly wife. Later on, we unearthed two merry little imps, who proudly claimed our soldier as their dad, and entertained us with chatty tales of travel and juvenile exploit.

Asked for a few particulars about himself, "our soldier" rattled off a few dates and other facts, but, while listening to his recital. my mind began to picture all the things he left unsaid. A vision of those rugged and forbidding, but ever glorious, slopes of Gallipoli, and the tales of hardship and heroism that reached us from time to time, impressed on me the fact that this simple and soldierly man was one of the immortal Anzacs. What a memory that name calls up! What deeds the simple word stands for: what hopes: what disappointments. Coming originally from N.Z., "our soldier," after several years spent here in peaceful pursuits, heard and answered the call to which many a man with fewer responsibilities turned a deaf ear. The usual months of strenuous training at Liverpool over, the 20th of August, 1915, saw him leaving wife and family, and going with stout heart to fight their battle and ours, and take a soldier's chance. A further course of training in the land of the Pharoahs awaited "our soldier," and then "the test." Though not at the first landing, he had his share of all that was going in the way of risk and adventure, until the unlucky (or was it the lucky?) 13th of December ended his active military career, and in due course he returned to those anxious watchers at home. His injuries consisted of shell concussion and shrapnel wounds, to which enteric fever added one horror more—surely enough for one man. It is a pleasure to know Mr. and Mrs. Phillips, and a privilege to be the instruments of what we hope will prove a kind fate in establishing them in their new home.

#### ROLL OF HONOR.

(I.) Injured; (W.) Wounded; (R.W.) Returned Wounded; (R.S.) Returned Sick: (K.) Killed: (D.W.) Died of Wounds. Albert, A., Private, Infantry (I.). Alcock, A. V., Sapper, Engineers Allen, A., Corporal, Infantry Argue, R., Signaller, Infantry Barlow, R., Corporal, A.M.C. Blanton, C. S., Private, A.M.C. Brodie, H., Sergeant Signaller, Engineers Broome, J., Private, Engineers Brown, J. T., Private, Infantry Brown, T. B., Field Artillery. Burgess, V., Aviation Corps Cable, J. T., A.M.C. Campbell, B. P., Sergeant Signaller, Engineers Carter, C. Chisholm, R., Private, Infantry (M.) Chandler, E., Private, A.M.C. Chandler, R., Infantry (K.) Chapman, E. L., Gunner, F. Artillery Coates, E., A.M.C. Cooper, E. C., Corporal, Infantry Colvin, W., Private, Infantry, Cornish, E., Lieutenant, Infantry (W.) Cornish, L., Private, Infantry (K.) Cram, J. Cram, P. Cox, L., Sergeant, Infantry Cullen, D., Machine Gunner (R.S.) Davidson, F., Private (R.S.) Production Davis, S., Sergeant, Infantry Donaldson, R., Bugler, Infantry (W.) Doyle, J. G., Private, Infantry (W.) Jack Dutton Elphinstone, L. H., Private, Infantry (W.) Evans, E., Sergeant, Infantry (R.W.) Fox, H., Signaller, Infantry Fuller, C., Field Engineers Foote, R. Gartrell, C., Private, A.M.C. Gibson, G., Sergeant, Infantry Gillies, W. K., Field Engineers

Goode, S., Private, Infantry (K.)

Gorrie, E., Trooper (recently sick) Gossling, C., Private, Siege Battery Griffin, V., Private, Infantry Griffiths, C., Private, Infantry Hamilton, T., Private, Infantry (W) Harvie, F., Private, Infantry Harvey, T. V., Corporal, Field Artillery Harrison, Capt., Infantry, (W.) Henderson, S., Private, A.M.C. Holle, T., Private, A.S.C. (W.) Holmes. W., Sapper, Engineers Hudson, L., Sergeant, Machine Gun Section Hines, H., Private, A.M.C. Hibble, G., O.M.S., Infantry (W.) Johnson, C., Sapper, Engineers Kellner, O., Infantry Kennedy, W., Signaller, Engineers Kershaw, H. King, V., Lieutenant, Infantry (R.W.) Knox, I. Krantzcke, R., Infantry Kyle, D., Sapper, Engineers Laird, C. P., Private, Infantry Lambert. H., Motor Transport, France Laws, F., Infantry Lawson, G., Trooper Lenehan, E., Private, A.M.C. Lilieblad, V., Private, Artillery Lutton, C., Private, Infantry (W.) Maston, H., Private, Infantry Mashman, G., Bombardier, Artillery Maze, H., Signaller Mildwater, O., Private, Infantry Mills, H., Sergeant, Infantry (K.) Milligan, E., Gunner (H.M.A.S. "Australia") Molloy, W., Private, Engineers Moss, E., Private, A.M.C. Mouatt, R. Murray, H., Sergeant, Field Artillery McFarlane, B., Private, Infantry McKenzie, W. K. C., Sergeant-Major, Infantry McNiven, R., Captain, Infantry (W.) McMillan, C., Bombardier, Artillery McCourt, R., Private, Infantry McClannon, M... Pioneers

Neal. W. Newcombe, I., Bugler Infantry Newman, R., Private, French Flying Corps Nutter, A., Field Engineers Page. H., Major, Infantry (W.), awarded M.C. Parsons, S. Parton, R. E., Private, Infantry Pascoe, R., Private, Infantry Perry. D., Field Engineers Peterson, D., Corporal, Infantry De Plater, R., Private, Infantry Pike, J., Bugler, Artillery Prior, C., Captain, Headquarters Pughe, J., Sapper. Engineers Pve, R., Sapper, Engineers (R) Price, D. C., Private, Infantry Ramsav. D., Private, Signallers Rea, E., Infantry Reid, Roy Rice, L., Private, A.S.C. Robbins, W., Private, Infantry Robson, R., Field Engineers Robinson, N., Lieutenant, Infantry Rogers, I., Gunner, Artillery Rose, W., Sergeant, Infantry Russell, D. E., Field Engineers Sainsbury, R., Wireless Corps (India) Samuelson, F., Private, Signallers Selkirk, W. G., Private, Infantry (R.S.) Smallwood, H., Field Artillery Smith, C., Motor Transport Smith, R. S., Corporal Signaller, Engineers (S.) Smith, T. H. (Rabaul), Petty Officer, Naval Brigade. Stansbie, W. J., Corporal, Infantry Stokes, R., Private, Infantry Tonkin, O., Gunner, Field Artillery Tonkin, W., Lieutenant, Infantry Thornton, W., Infantry Waterer, A., Sergeant, Engineers Wythes, George W. Watson, T. S., Infantry Walker, S., Corporal, Infantry Welch, R., Gunner, Field Artillery Watson, C. White, J. J., Corporal, Infantry Willison, R., Sergeant, Infantry (K.) Wood, K., Corporal, Infantry (D.W.)

# A VISIT TO THE EVELEIGH WORK SHOPS

#### SPRING SHOP.

We passed out of the new erecting shop into a small lane, thence into the next department, the spring shop. In this shop, as the name implies, are made all the springs for new engines, old engines, trucks and carriages. The first thing we noticed was a large steam hammer. There are about six of these in this shop, and they are used for twisting, cutting, punching, and breaking pieces of steel for the springs. Then there are the great furnaces, in which, on account of the blowers, which I shall describe later, a great heat is attained.

#### BLACKSMITHS' SHOP.

The first things of notice in this shop are the great furnaces. The heat in these, as I said before, is attained by use of blowers. These blowers are steam engines driving great fans in a large cylinder. These fans do their work on the same principle as the forge in our School metal work shop, only by steam instead of by hand, as we have to work ours. The heat which is attained in these furnaces was so great that we could not stand ten feet away from the front of the furnace, even when it was closed. The heated metal is taken out by great tongs, suspended from the roof. There are great steam hammers in this shop, one which can hit anything on the block with a force of sixty tons weight. The men say that they can crack an egg just enough for eating with these immense hammers, and yet a piece of metal, white hot, taken from the furnace about one foot thick, can be beaten to three inches thick in three hits. In this shop is a machine which makes rivets. piece of red hot steel is put into the machine, and chopped into small pieces about four inches long. These are carried down, and heads squashed on them. They fall out, and are ready for use. There is another machine for making nuts, but the nuts do not come out ready for use, as in the case of the rivets. They come out ready to be filed and tapped, and then they are ready to be used. Hooks are also made from steel rods by the use of the hammers.

#### BOILER SHOP.

When we passed into this shop we experienced the greatest noise we have ever heard. It is by far the noisiest shop of all. As soon as we entered we saw some "S" class boilers, all in different stages of completion. There were also many old boilers being repaired. We also saw many side tanks for "S" class engines, and bunkers and rear tanks for same. The noise in this shop is caused by the numerous pneumatic riveters, which, as I said before, do their work quickly and noisily. There may be six or seven at one boiler or tank, and try to imagine the noise of many boilers being made—if you can.

# RE-FITTING SHOP.

After passing into the open again we entered the re-fitting shop. The first article of attraction was a splendid example of oxy-acety-lene welding. The frame of a "CC" class engine, number 182, had cracked right down both sides behind the cylinders, the result of hauling too great a load backwards. The crack was being welded again. Looking through a pair of blue glasses, we could see the metal melting and running about the hole. Now and then the welding operation ceased for a few minutes, while two men hammered the completed part of the joint. This was to stop its contracting too much. There were many engines being repaired, all being there, it seemed, for different reasons. Some had worn cylinders, some broken cross-heads, and so on.

#### TENDER SHOP.

Between the re-fitting shop and the tender shop is a "tram-way." This is traversed by an electric traveller, with railway lines on it. It is by this that the engines and tenders are brought into the shops to be repaired. It runs up and down on four rails, and is about sixty feet wide and thirty long. Many tenders were being repaired. They, too, all seemed there for different reasons.

# MACHINE SHOP.

This is perhaps the most interesting shop of all. It is in this shop that all the great lathes are. There is one lathe with a self-centring chuck of about two feet diameter. This is the largest of its kind at the works. In the machine shop all the turning is done, except in a little shed outside, where large or small wheels are turned down to make the flange the right depth. As we walked along we would see one lathe turning a pair of wheels, another a tyre, another, perhaps, a crosshead, and so on.

After having a good look round we came across a wired-in department, where all the fine work is done. At one end of this department all the tools for the machine shop are sharpened, such as drills, lathe tools, and so on. Still walking on, we came upon a line of lathes and small machines, called by the men "Shelly Beach." It is here that the shells are made.

First a steel rod, about four inches in diameter, is cut into lengths of about one foot each. Each of these is separately turned and bored, and then the tapering end is tapped, that is to say, a thread is cut in the end of the bore. This is for screwing on the cap. The base, a separate part from the body of the shell, is then rivetted in by pneumatic rivetters. Then the copper band is fixed on the shell near the base, with the rifling on it. The shell is then sent further on and marked, caps screwed on, and then stacked ready to be taken away to the battlefield, where they are charged.

# PATTERN SHOP.

It is in this shop that all the wood-working is done, such as pattern-making for the castings, wooden flooring boards for engines, buffer beams for engines, and so on. A man showed us types of dovetail joints, all done in the one box.

# LARGE REFITTING SHOP.

Many engines were being repaired and refitted in this shop. One engine that took our special attention was an "NN" class engine, number 1036. This large engine is now working again after a very long rest. Another engine that we paid great attention to was that "S" class engine, number 1231, commonly called by some Ashfield boys the "clean engine." There is nothing materially wrong with it, but it must have an overhaul after running about a certain number of miles, just as all others do, as a safeguard.

#### FOUNDRY.

The foundry is divided into two parts—the brass foundry and the iron foundry. In the former we saw two furnaces, called cupolas. All the old brass is thrown into these and melted down, then made into fresh castings. The great heat in these is also attained by the blowers. Some men were making brasses for axle-boxes. These have white metal streaks in them, so that the brass surface will not wear so quickly. Some men were making cores, which are dried and then blackened. The use of cores is to cause holes in the castings. They are made of coarse sand, flour and oil. In the iron foundry, brake shoes, for carriages, trucks, and engines, were being cast. About two minutes after the molten metal has been poured into the mould the covering sand is taken off, and the casting left in the presence of the air to cool quickly. When they are upset they are just cool enough to hold together. This quick cooling makes them very hard. In the Macdonaldtown end of the foundry is a great oven, in which all the patterns, cores and mouldings are dried. The patterns and cores are always blackened over with a mixture like grey paint. After looking round the foundry for a while, we went out to the iron cupolas. The mouths of these are reached by a jerky, old, knocked-about-looking lift. We went up, and up, some fifteen or twenty feet, when we came on a level with a large iron platform, with a jerk. We stepped out on to the latter, and the first thing we noticed was that the platform was heaped up with coke, old scrap iron, flux and new iron, as a strengthener when put with the old in a casting. After throwing some old brakes, axle boxes, and things into the mouth of the cupolas, we descended again to the safe ground level. Into these cupolas first goes some coke, then some old and new iron, with a little limestone, as flux, following.

### RUNNING SHEDS.

After visiting the foundry, we walked on, intending to look at the engines in the running sheds. These sheds are large, and of brick, with iron and glass roofs, and under these roofs are conducted such repairs, which take only a few hours to execute. Also engines, waiting for the times for their next journeys, stand in or near these sheds. After having a good look at the engines, we turned our steps backwards towards the office. On our way we went into the little shops where separate iobs are done. The first one entered was the shed where the tyres are shrunk on to the wheels. This is done by great heat being played on the tyres, and water poured, by means of pipes, over the wheels. While we were there the driving wheels and coupled wheels of 1036, "NN" class engine, were waiting to be done. After the wheels go through this process, the tyres are rivetted on to the wheels as a safeguard. In another shed we saw the Oliver smiths at work. These are automatic strikers, which only do small work. They save the expense of paying a human striker, and do the work much faster. After inspecting these, we went to the office, had an interview with Mr. Warren, and then went home, after spending a good day at a very interesting place to all Technical High School Boys.

L. BADMAN, Class 2D. J. NIMMO,

# THE SYDNEY TECHNICAL HIGH SCHOOL OLD BOYS' UNION.

During the past few months two changes have occurred in the personnel of our committee. Arthur Stiles, our late and capable Secretary, and Sid. Davis, an enthusiastic member, have enlisted—to use Sid's own words—"to do their bit in the great game." It is impossible for us to over-praise the valuable work done by these two lads in the interest of the Union. Their absence will be greatly felt, but we convey our best wishes for their speedy and safe return. Further enlistments are E. Broe, K. Foldi, and H. Kidner.

Owing to the sacrifices made by many of the Old Boys at the front, our social programme had to be abridged, consequently several of our reunion functions were abandoned. Nevertheless, the recent School Swimming Carnival and Athletic Sports were marked by a fair attendance of enthusiastic followers of the old School. At these important events Sgt. E. Evans and Stan Young acquitted themselves ably in the races set apart for Old Boys.

The results were:—

Swimming Carnival.—50 yards Handicap: 1st, Sgt. E. Evans; 2nd, J. Langford.

Athletic Sports.—100 yards Championship: 1st, S. Young; 2nd, E. Dossettor.

Advantage was taken by several of the S.T.H.S. Boys, both past and present, at the recent University Scouts' Camp, to indulge in mutual intercourse, and, judging by the good fellowship which prevailed, a wonderful future is destined for them.

The most important event since the Annual Dinner was the working visit to French's Forest last Saturday. Unfortunately, the earlier part of the day was characterised by heavy rain, and this no doubt was responsible for such a small attendance of Old Boys. However, a happy little gathering of fifteen boys made their way to the forest. Under the immediate supervision of Mr. Williams, Mr. Baxendale, Mr. Humphries, and Mr. Miller, we were able to erect a fowl-house and finish wiring the fences started by the present Tech. boys. A pleasing feature of the visit was the presence of Miss D. Donohoe, an ex-pupil, and several of her lady friends. As usual, they treated us to an apparently endless menu, comprising sandwiches, cakes, fruit, cool drinks, and many other delicacies, which were eagerly accepted by those present. We desire to convey our heartfelt thanks to these ladies for their generosity and kindness.

We sincerely trust that all the present pupils of fourth and second year, who are candidates for the L.C. and I.C. examinations respectively, will be successful, and uphold the glorious name which the "Tech." has won for itself in the past.

In conclusion, we ask all those boys who will leave the School this year to join the "Old Boys' Union," and thereby continue the progress which has marked its growth.

For the Committee,

GEORGE J. McGUIRE, Hon. Secretary.

"Myee," 29 Juliett-street, Marrickville, 18/11/16.

# HOW TO MAKE ELECTRIC LAMPS.

# Introduction.

The following is a description of the method employed in making a small electric lamp, which will be equal to those used in pocket lamps and torches.

# Materials Required.

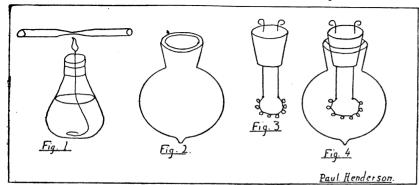
- (1) 1ft. of soft white glass tube, about 1/2 in. internal diameter.
- (2) One good velvety cork.
- (3) Few inches of fine platinum wire, No. 40 gauge, about .005 of an inch in diameter; 1½in. will do.
  - (4) Few inches of No. 22 copper wire.
  - (5) Small quantity of benzine and red sealing-wax.

# Tools Required.

- (1) Spirit lamp (or gas-jet, or blow-lamp).
- (2) Fine triangular file.
- (3) A sharp penknife.
- (4) A fine soldering iron (can be made from a piece of copper wire).

Steps in Constructions.

(1) Hold the glass tube about 3in. from the end over the spirit lamp to soften, then draw apart to form an end (see Fig. I.). Hold the end over the flame till the end is completely closed. Heat it about ½in. from the enclosed end, and blow into the other end gently, and so causing a bulb to be formed about ¾in. in diameter.



- (2) Cut the tube  $\frac{1}{2}$ in. from the bulb, revolving it while filing with the fine file (see Fig. 2).
- (3) Cut with a sharp penknife a good velvety cork, so as to make a tight fit into the neck. Make two holes in the cork with a needle. Clean two pieces of wire 1in. long, and put through these holes.
- (4) Take 1½in. of the platinum wire, and twist it around a piece of wire so as to make a tight spiral.
- (5) Slip a short length of the spiral on to the copper wires in the cork, and solder by means of a heated copper wire and a globule of solder (see Fig. 3).
- (6) Put a drop or two of benzine into the glass bulb and heat it. When nearly all gone, put the cork in, and when all evaporated seal the cork with some melted red sealing wax. This will make it a vacuum inside the bulk.

Note.—Benzine is highly inflammable, and so be careful when evaporating it in the glass bulb. The electric lamp thus made can be lighted by one or two dry cells. Fig. 4 shows the finished electric lamp.

#### THE CHRONICLE OF SPORT.

We have at last a ground for training and playing purposes. From October 1 the Education Department leased from the trustees the Sydney Sports Ground for us on Monday and Wednesday afternoons. The Sports Ground is not ideally situated for us, but it is certainly the nearest available. It has also one fault—we cannot play cricket there, as wickets are not prepared on it; yet it has many advantages over other grounds. It is open to us the whole year round. The athletic material is at our disposal. It has a cycle track, and the gymnasium can be made very useful with a little expenditure. Best of all, the hon. secretary, Mr. Harvey, and the caretaker, Mr. Heath, are thorough sports, and are always ready to help us. All they expect in return is rational behaviour from the boys.

We made excellent use of the ground during the past months, and if we continue to do so there will be a justification for making the arrangement permanent. Whole-hearted enthusiasm in the contests promoted and in the class challenges will not only improve the athletics, but will do much to make the boys of different classes and years better known to each other. The class patrons could do an immense amount of good by supervising these contests.

Comment on the contests already carried out is given on succeeding pages.

The Combined High Schools' Championship Athletic Meeting was this year a great success. These meetings are attracting more attention and creating greater interest year by year. Nearly every High School in the State was represented. Next year a whole day will be necessary to carry through the programme. Sydney High School, with two excellent teams, carried of both the Senior Cup and the Junior Shield. Though our showing was weak this year, we yet hope to have both trophies adorning the Office.

A pleasing feature of the meeting for us was the readiness with which we filled vacancies in any event at very short notice. We were fully represented in everything. Our boys stuck gamely to their events, and performed meritoriously in them. It is a good sport who does his best, knowing he will not be successful. We did well in the Age Championships, and secured two firsts. Our high jumpers secured two seconds. H. Saxby cleared 4ft. 11in. in the Junior, and R. Perkins got over 5ft. 1½in. in the Senior. J. Spence secured a place in the 440yds., and our Senior Relay ran a good race for second place.

In the P.S.A.A.A. sports our entries were too meagre. Those, however, who did compete did well. A. Johnson and J. Spence secured second and third in the 16yrs.; H. Ward secured third in the 13yrs.; W. Dutton won the high jump, clearing 4ft. 11in.; the Senior Relay (Spence. Johnson, Doherty, Raymond) came second; the Intermediate Relay (Lipscomb, Ward, Jolly and Dutton) was beaten by Cleveland Street Senior Relay (over age) for first place; the Senior Tug-of-war won rather easily from Cleveland Street in the final; the Junior Tug-of-war got into the semi-final, and then, owing to some irregularity, the event was allowed to stand over, and was decided on November 9, but our team could not take part, as the yearly exams. were on. J. Blanksby won the Corner Kick, and came third in the field catching; P. Kerslake rode second to Ferguson, of Newtown, in the Mile Bicycle Handicap.

Our own sports took place on the Sports Ground on September 20, and were very successful. The events were keenly contested, and the finishes very close. The times were not fast, but were a good average for boys of the same ages. The teachers' work in all sections of the management contributed chiefly to the smooth working and expeditious handling of the events.

The School's 100vds. Championship was the finest race, and was closely followed by the Junior Relay Handicap. A record of the winners is given. so that it may be preserved by all for all time to record their prowess while attending the S.T.H.S.

Certificates will not be issued this year: a Journal Record is better.

#### THE FOURTH ANNUAL SPORTS MEETING September 20, 1916.

SENIOR SECTION. 3C Handicap.—1, E. Grey; 2, R. Mullaly; 3, O. Ward.

3B Handicap.—1, L. Souter; 2, A. De Jersey; 3, C. Doherty.

3A Handicap.—1. J. Horn; 2, H. Watkins.

4B Handicap.—1, J. Tonkins; 2, H. Hyett; 3, J. Thomson.

4A Handicap.—1, H. Raggatt; 2, J. Spence; 3, E. Carlisle.

Sack Race.—1, L. Fitzpatrick; 2, E. Smithers; 3, G. Carr.

100vds. Championship.—1, C. Doherty; 2, H. Williams; 3, A. Johnson. Time, 11secs.

220yds. Handicap.—1, C. Doherty; 2, H. Williams; 3, A. Raymond. Time, 26 7-10 secs

High Jump.-1. R. Perkins and W. McLaren, 5ft. 03in.

Half-mile Bicycle Handicap.—1. G. Littlefair; 2, P. Kerslake. Time, 1min, 164secs

Siamese Race.—1, Tonkin and McDonnell; 2, Browne and Smithers; 3, McLachlan and Cox.

Pole Vault Championship.—1, R. Perkins and C. Doherty, 8ft, 3in, Broad Jump Championship.—1. H. Williams. 19ft. 8in.: 2. C. Doherty. 18ft. 103in.

120yds. Hurdles Championship.—1, C. Doherty; 2, W. McLaren; 3, A. Raymond.

Corner Kick .-- 1, S. Fleck; 2, H. Hunter; 3, O. Powys.

Place Kick.—1, J. Pople; 2, L. Holt; 3, J. Spence.

Ouarter-mile Walk Handicap.—1. E. Jackson; 2, P. Kavanagh; 3, J. Hinchliffe.

440yds. Championship.-1, J. Spence; 2, H. Williams; 3, A. Raymond. 440yds. Handicap.—1, E. Smithers; 2, L. Fitzpatrick; 3, L. Souter.

Class Relay Handicap.—1, 3B (Doherty, Johnson, Baber, Hinchliffe); 2, 2C (Hammond, Holt, Grey, Ward).

Obstacle Handicap.—1, C. Fisher; 2, H. Hunter; 3, G. Carv.

IUNIOR SECTION

1D Handicap.-1, E. Muller; 2, H. Ward; 3, W. Martin.

1C Handicap.—1, E. Price; 2, J. McCormack; 3, J. King. 1B Handicap.—1, H. Hyett; 2, A. Murch; 3, I. Bucci.

1A Handicap.—1, H. Lipscomb; 2, A. Cathro; 3, V. McGuigan.

2D Handicap.—1, E. Jackson; 2, H. Grover; 3, R. Cox. 2C Handicap.—1, J. Wallis; 2, N. Maclean; 3, H. Cooper.

2B Handicap.—1, E. Laird; 2, W. Sheppard; 3, E. Burse.

2A Handicap.—1, F. Spence; 2, C. Fisher; 3, H. Hunter.

Siamese Race.—1, Dearing and Reeves; 2, Woodley and Menser.

Junior Cadet 100yds. Championship.—1, H. Ward; 2, A. Bonners; 3, J. McCormack.

Junior Championship, 100yds.—1, K. Jolly; 2, S. Reid; 3, W. Sheppard. Broad Jump Championship.—1, W. Dutton, 16ft. 6in.; 2, K. Jolly, 16ft. 23in.; H. Lipscomb, 15ft. 6in.

Pole Vault.-1, W. Dutton, 7ft. 6in.; 2, S. White, 7ft.

Hurdle Championship, 90yds.—1, K. Jolly; 2, W. Dutton; 3, E. Tucker. Hurdle Handicap, 90yds.—1, G. Roberts; 2, I. Bucci.

Sack Race.—1, J. Nimmo; 2, A. Bonner; 3, A. Murch. 220yds. Championship.—1, E. Tucker; 2, K. Jolly; 3, S. Reid. Half-mile Bicycle Handicap.—1, J. Whitehead; 2, E. Muller; 3, L.

High Jump Championship.—1, W. Dutton, 4ft. 10in.; 2, K. Jolly, A. Bamer, H. Armstrong, 4ft. 6in.

Novelty Race.—1, N. Smith and G. Grikojus; 2, Woodley and Furney. 440yds. Championship.—1, E. Tucker; 2, W. Dutton; 3, K. Jolly.

Slow Bicycle Race.—1. L. Simpson.

1st year Championship.—1, S. Reid; 2, K. Jolly; 3, H. Ward.

2nd year Championship.—1, A. Raymond; 2, L. Fitzpatrick; 2, W. Dutton.

3rd year Championship.—1, A. Johnson; 2, L. Holt.

Wheel and Jockey Race.-1, Lipscomb and Russell; 2, McCormack and

Class Relay Handicap.—1, 1A3 (Stanhope, Russell, Apps, Gravers); 2, Turnbull. 1B (Reid, Bernauer, Shoults, Furney); 3, 2B (Sheppard, Audley, Maizey.

Sheppard). Pick-a-Back Struggle.—1, Hopkins and Duncan; 2, Lipscomb and Russell. Obstacle Handicap.—1, C. Fleck; 2, T. Martin; 3, A. Kemp.

# FOURTH ANNUAL SWIMMING CARNIVAL. March 23, 1916.

Class Handicaps, 50 yards.—1D: E. Muller, 1; K. Duncan, 2; H. Scott, 3. 1C: D. Horn, 1; R. Dearing, 2; L. Turnbull, 3. 1B: J. Kenny, 1; E. Thompson, 2; R. Watson, 3. 1A: J. Shaw, 1; H. Apps, 2; L. Holdaway, 3. 2D: L. Powys, 1; A. Muller, 2; E. Smithers, 3. 2C: S. Davies, 1; J. Wallis, 2; N. Hamilton, 3. 2B: H. Ferris, 1; E. Street, 2; A. Aubrey, 3. 2A: A. Bonner, 1; C. Fisher, 2; R. Harper, 3. 3C: S. Burgess, 1; D. Hammond, 2; S. Davison, 3. 3B: J. Hinchcliffe, 1; L. Souter, 2; A. Weil, 3. 3A: R. Perkins, 1; F. Grigg, 2; J. Mould 3. 4B: J. Thompson, 1; W. Linton, 2; G. Streatfield, 3. 4A: E. Carlisle, 1; C. Throsby, 2; H. Raggatt, 3.

Junior Cadet Championship (1902 class), 50 yards.—R. Alderson, 1;

G. Gerlach, 2; W. Dutton, 3. Time, 38secs.

Junior Cadet Championship (1903 class), 50 yards.—E. Muller, 1; H. Scott, 2. Time, 42secs.

Junior Championship, 100 yards.—R. Alderson, 1; E. Muller, 2; S.

Davies, 3. Time, 1min. 27 1-5 secs. Diving Championship (senior).—P. Kerslake, 1; R. Dyce and P.

Kavanagh, head heat, 2.

Diving Championship (junior).—E. Muller, 1; R. Cox, 2.

School Championship, 100 yards.—J. Spence, 1; W. McLaren, 2; J. Tonkin, 3. Time, 1min. 12 4-5secs.

Junior Championship, 200 yards.—S. Davies, 1; E. Christian, 2. Time,

3min. 48secs. Swimming on Back, 50 yards.—R. Jane, 1; G. Streatfield, 2; R. Carroll, 3.

Accuracy under Water.—Stan Davies.

School Championship, 400 yards.—J. Spence, 1; J. Tonkin, 2. Time, 6min. 32secs.

Breast Stroke (senior), 50 yards.—G. Streatfield, 1; J. Thomson, 2; W. McLaren, 3. Time, 39 4-5 secs.

Breast Stroke (junior), 50 yards.—Alderson, 1; Watson, 2; Bretnall, 3. Time. 48secs.

Diving for Objects (senior).—G. Streatfield, 1; R. Dyce, Thomson, 3.

Diving for Objects (junior).—Watson.

First-year Championship, 50 yards.—Alderson, 1; Thompson, 2; Gerlach 3

Second-year Championship, 50 yards.—Ferris, 1; Smithers, 2; Street, 3 Third-year Championship, 50 yards.—Kerslake, 1; Burgess, 2; Perkins, 3. Four-oar Handicap, 50 yards.—J. Thomson and G. Streatfield, 1; Raymond and Dawson, 2; Blanksby and Bretnall, 3.

Pursuit Race.—Thomson and Thompson, 1; Smithers and Alderson, 2. Distance under Water.—R. Dyce, 1; S. Jervie, 2; J. Thomson, 3.

Relay Race, 200 yards (senior).—3A Team (Grigg, Mould, Taylor, and Kerslake), 1; 4B Team (Wells, Streatfield, Linton, Thomson), 2.

Relay Race, 200 yards (junior).—2C Team (Davies, Wallis, Hamilton, and Maclean), 1; 2D Team, 2.

Old Boys' 50 yards Handicap.—Sergeant E. Evans (A.I.F.).

The points scored in the School contests are:-

Senior Cup.—C. Doherty (winner), 25; H. Williams, 17; J. Spence, 16. Junior Medal.-W. Dutton (winner), 21; K. Jolly, 20; E. Tucker, 11.

Junior Cadet Medal.—A. Bonner and H. Ward (winners), 28; H. Scott. 16.

The conditions governing these awards will be modified for 1917 as

(1) Points will be given: 3 for first place, 2 for second place, and 1 for third place, in each of the following carnivals:—(a) Our own Swimming Carnival; (b) our own Athletic Meeting; (c) the C.H.S. Swimming Carnival; (d) the C.H.S. Athletic Meeting; (e) the P.S.A.A.A. Swimming Carnival; (f) the P.S.A.A.A. Athletic Sports.

(2) One point will be given to each competitor who accomplishes standard proficiency in any of the championship events.

(3) Five points will be allowed the holder of the bronze medallion, and five points to the holder of the St. John's first division certificate.

The class Soccer competition, on the verge of completion when No. 2 went to press, was won by 2B, who finished up three points ahead of 1A, who lead 1D and 1B by one point each. 1C whipped in ahead of 1A2, 1B2, 1C2, and 1D2, who came in late. Of these latter teams, 1A2 was the leader. To complete an excellent year's work in Soccer, a knock-out competition was arranged. The results in many cases were surprises. Every class in the School entered a team. In first year 1A defeated 1C rather easily, and 1B accounted for 1D after a very close and exciting game. In the final 1A defeated 1B after one of the closest games all round yet played. The scores were 1 all up till one minute of time. Then Russell put in the winning goal. 1B played the better game as a team, but were uniortunate in having the regular goalie (Henstock) away sick. Christian, Bernauer, Reid, Bucci, Roberts, Watson, Osbourne and Roberts did very good work. 1A were much more patchy, but had a couple of more brilliant players. Jolly, Holdaway, Withers, Russell (who scored both goals), and Apps did good work. Tatham and Ferguson did the brilliant work, and deserve most credit for the win.

In the second year 2B easily defeated 2A, many of whose men are very clumsy, though the little fellows, like Dawson, Gillings, Bonner, Guthrie and Hunter, battled well. 2C defeated 2D after a high scoring game, 5 to 3. Both teams played erratically and not up to usual form. In the final

2B. quite contrary to all expectations, defeated 2C by 3 to 1. The game was a good one up till half-time, and then 2B came with a rush and rattled 2C, who from that on never had a chance. The credit of the win was mostly due to James and Audley, both of whom excelled themselves. Maizey and Lammond did very good work, too, and Duncan, Hopkins, Street. Sheppard and Curran also contributed something to the result. For 2C Fitzpatrick did best, while Fleck, Hamilton, Cooper, Gardner, Frazer and Katzka did good work at times.

In third year 3A defeated 3B after a very close and high-class game. 3B, on paper, looked an easy winner. They had Johnson, Doherty. Baker. McCarthy. Powvs. Walker. Markham. Saxby. all grade players. 3A depended mostly on Armstrong, Horn and Dempsey, of the first grade. The scores at the finish were 1 to 0 in favour of 3A, and they deserved it. Armstrong was the scorer, but Horn and Dempsey were the chief wielders of the boot that defeated 3B. Horn played better than ever before. His work was excellent, and he seemed to be everywhere. Dempsey, too, did much excellent defending. He was almost impassable. White, Grigg, Hampton and Wythes also helped towards the victory. For 3B, Johnson, Saxby, McCarthy and Souter were best. In the final 3A easily accounted for 3B, who had some difficulty in getting a team. Again Horn, Dempsey and Armstrong did excellent work, while Davison, Grev and Hammond did most for 3C.

In fourth year, 4B defeated 4A by a fair margin. This was to be expected, as our champions, Thomson, Streatfield, and Pople, are all in 4B. This trio certainly played well, and were supported by such novices as Williams, McDonnell, and Littlefair. 4A relied mostly on Lynch. Spence, Ward and McLaren.

In the Schools' Championship 2B defeated 1B in a close contest. 4B, for some unaccountable reason, forfeited to 3A, and so 3A and 2B met in the final. 2B put up a good game, but Horn, Dempsey, Armstrong and Co. were too experienced, and carried off the honor of being Soccer champions.

Rugby challenges would have been carried out but for the lateness of the season. However, 4B and 4A got a game in. It was a game, too! Both sides meant well-very well. 4A started out with the idea of dribbling right over the top of 4B, who would be as mere "trenches" beneath their "tanks." But the "tanks" now appear to have been with 4B-Williams, an elongated one, and McKay, a weighty one. The tactics failed early in the game, and should have been changed. 4B had the better idea—due, we think, to Mr. McDonnell, who once could play football-of picking the ball up and running straight for the 4A line, and sometimes, but rarely, passing it. The scores were pretty even up till half-time. Then 4B began the passing game because the "grippers" were tired, and that ended 4A's chances. Had they retaliated the game would have been pretty even.

The score was 22 to 3.

McDonnell played well; Williams, Thomson and Pople did very good work for 4B. McLaren, Jones, Spence, Dyce and Havard did best for 4A. Spectators report that Williams dived for the line from 10 yards out and reached it; that Pople kicked Thomson and many fine goals; and that Jones' language on one occasion or more was out of bounds.

Cricket has started with some enthusiasm, but owing to wet weather and restricted playing area, without practice. From Monday, November 6, boys will be able to practice on the Sydney Cricket Ground. That is a fine concession granted to us by the courtesy of the manager and secretary, Mr. Wyly. A couple of good practices have been held.

The 1st grade team is a fair one, but will miss Blanksby's solid batting. Blanksby, too, was a good boy in a team—always there, and ever ready to make a sacrifice for the good of his team or school. This is specially directed at those boys who think that any miserable excuse is sufficient for them to leave the team in the lurch when the distance to travel or the fee to be paid is a little more than usual. We expect a good deal from Mould, Genge, Hampton, Johnson and Taylor with the bat, and from Doherty, Mould, Fitzpatrick and Fleck with the ball.

The match v. North Sydney ended in a draw. North Sydney got 203 after having lost 6 for 49—something weak in the captaincy. We replied with 4 for 104. Mould made 39 not out, and Hampton 13 not out

We lost to Hurlstone by about 30 runs, scoring 90 and 93, against their 92 and 121. Johnson got 23 and Doherty 25. Bowling honors were divided.

but the catching was certainly weak.

Third Grade will develop into a good team. They have lost three matches, but are getting nearer a win on each succeeding match, so there is hope yet. They made their record score of 85 against Hurlstone on November 8, but as the bowlers mostly sent down full-tosses on the leg side, Hurlstone helped themselves to 165, and won easily. Practice and good captaincy is all that is needed.

Class matches will be played as often as possible, and as often as classes are willing to pay for wickets. Matches will not be arranged if classes are not punctual in paying up. Already 2D have defeated 2C, and 1A easily beat 1B, who were poorly managed, and did not have a representative team.

J. Mould, J. Blanksby, M. George, C. Doherty and J. Taylor have represented the school in the Combined High School team playing 2nd Grade in the Saturday games.

The Annual Tennis Tournament has been going on for some time, but owing to bad weather, and the fact that some of the probable winners are needed for the cricket teams, has been dragging a little.

J. Hinchliffe has beaten all-comers in the singles, but has yet to meet M. Genge. Robertson, the prospective captain for 1917, suffered defeat at the racket of Hinchcliffe by 6—3, 6—4. Williams, Raggatt and Carroll have also shaped well. Robertson and Genge appear to be certainties for the Doubles. In second grade J. Spence is undefeated; Throsby follows, and the final will probably be fought out by Spence, Throsby, Roberts and Doherty.

Roberts and Simpson have the best chance in the doubles.

The third grade is being fought out by McCandless (undefeated), Belshaw, V. Powys, W. Carey and L. McCarthy. Powys and McCarthy appear to be the doubles winners.

Challenge matches in athletics have been carried out between some classes. The official programme is:—

RUNNING.—100 yards, 220 yards, 440 yards, 400 yards Relay Race.

WALKING -440 vards.

JUMPING.—High, Broad, Hop-Step-Jump, Pole Vault.

HURDLING .- 90 yards.

MISCELLANEOUS.—Siamese, Kangaroo, Tug-o'-War.

OPTIONAL.—880 yards Run, 1000 yards Relay Race.

These contests can be arranged for Wednesday or Monday afternoons.

The first in the field were 1D and 1C, but as the management was weak and the class spirit poor, the contest was not representative nor conclusive, and the result—1C  $62\frac{1}{2}$  points, 1D  $57\frac{1}{2}$  points—hardly represents the comparative athletic abilities of the classes.

2C and 2D had a well managed and very interesting contest, which extended over two Mondays. W. Dutten, E. Smithers, E. Grey, E. Jackson, R. Baker, performed best for 2D, while L. Fitzpatrick, S. Fleck, G. Carr and H. Cooper did best for 2C. The points were: 2D, 65½; 2C, 64½.

2A and 2B managed their first contest excellently, and had a very enjoyable afternoon. 2A were the better team owing to the prowess of A. Raymond, who performed meritoriously in many events. He was well supported by Barton, Dawson, Wilkie and Bonner. 2B relied on Evans, Audley, Maizey, Laird, Sheppard, Currie and Hopkins. 2A won by 78 points to 52. The second contest was not so good. Neither team was fully representative, and too much work was given to the "stars." That is not the object of the work. It aims at giving everyone a show. 2A won again by  $78\frac{1}{2}$  to  $51\frac{1}{2}$ .

1A and 1B had a well conducted contest, but 1A proved too good. K. Jolly performed very ably for 1A, and was well supported by Lipscomb, Tatham, Kemp and Russell. 1B, without Hyett and Bernauer, were outclassed. Reid. Shoults, Roberts, Phazackerley and Layton performed well for them.

4A challenged 4B, but after some lengthy negotiations 4B decided not to

meet its vanquished foemen of Rugby and Soccer.

We understand that 3B have been throwing out challenges and defiance to all-comers, and has, in desperation, decided to take on the rest of the school if no one else takes up the gauntlet. We fancy 3A and 3C could make a good, if not winning, contest of it. They have R. Perkins, A. Hampton, J. Horn, A. Holt, S. Burgess, D. Hammond, and other good men to draw on. We hope the failure to accept the 3B challenge does not show lack of interest on the part of other classes. We are hopeful that the Fourth Year boys of next year will be as good sports as those of this year. There is room for them to be even better. Any falling off would be lamentable. Boys like I. Spence. W. McLaren, W. Bishop, G. Throsby, R. Jane, R. Dyce, S. Lynch and H. Raggatt, of 4A; G. Streatfield, J. Thompson, J. Pople, H. Williams and R. Carroll, of 4B, have been of some material assistance to the sporting side of the school, and, while benefiting themselves physically, have done much to keep up the good name of the school to which we feel sure they are proud to belong, and in years to come will be even prouder to have belonged if the boys of the future Fourth Years do their work as conscientiously and well.

Quoits! Always quoits! We are very pleased to see the boys so keen on the game. We could do much more if our funds were much more.

The Championships are well on the way.

The Class winners are:-

1D: Perkins, Ward, Scott, Walker.

1C: Pill, Dearing, McCormack, Price.

1B: Lawn, Bucci, Bernauer, Roberts.

1A: Apps, Tatham, Edwards, Travers.

2D: Powys, Browne, Donohoe, Blanksby.

2C: Fleck, Fraser, Gardner, Maclean.

2B: Street, Audley, Belshaw, Evans.

2A: Fisher, Gillings, Guthrie, Raymond.

3C: Grey, Jane, O'Connor, Arquetil.

3B: Johnson, Souter, McCarthy, Stevens.

3A: Armstrong, Walsh, George, Horn.

4B: Carroll, Thomson, McDonnell, Williams.

4A: Throsby, Carlisle, Raggatt, Bishop.

The year winners are:-

1st Year: Perkins (1D), Tatham (1A), Lawn (1B), Bucci (1B).

2nd Year: Fraser (2C), Gillings (2A), Fisher (2A), Street (2B).

3rd Year: Johnson (3B), McCarthy (3B), Souter (3B3, Grey (3C).

4th Year: Throsby (4A), Thomson (4B), Carroll (4B), McDonnell (4B).

The School's Championship resulted:-

1 Throsby (4A), 2 Johnson (3B), 3 Perkins (1D), 4 Souter (3B)

In the course of these games Throsby played most consistently, and made numerous breaks, double breaks and twenties. His highest was 41 in the final. Johnson played brilliantly at times, but was a little "nervy" at others. His best breaks were 57, 54, 37 and 32.

Perkins, whose style is a little careless, made some fine breaks, including 49, 37, 31 and 23.

Souter, though very consistent, seldom gets past the twenties.

The class doubles proved interesting, the results being:-

1D: (1) Perkins and Nelson, (2) Noffy and Simpson.

1C: (1) Foote and Menser, (2) Pill and Dearing.

1B: (1) Bernauer and Lawn, (2) Phazackerley and Kenny,

1A: (1) Apps and Tatham, (2) McGuigan and Holdaway.

2A: (1) Browne and McLeod. (2) Smithers and Powys.

2C: (1) Fleck and Fraser, (2) Katzka and Maguire.

2B: (1) Street and Aubrey, (2) Audley and Evans.

2A: (1) Fisher and Gillings, (2) Bonner and Guthrie.

3C: (1) Grev and Jane. (2) Holt and Ward.

3B: (1) Johnson and McCarthy, (2) Stevens and Saxby.

3A: (1) Norman and George, (2) Knight and Horn.

4B: (1) Carroll and Thomson, (2) Williams and McDonnell.

4A: (1) Throsby and Carlisle, (2) Raggatt and Bishop.

The Year Doubles results are:-

1st Year: (1) Tatham and Apps (1A), (2) Perkins and Nelson (1D).

2nd Year: (1) Fleck and Fraser (2C), (2) Browne and Macleod (2D).

3rd Year: (1) Johnson and McCarthy (3B), (2) Grey and Jane (3C).

4th Year: (1) Throsby and Carlisle (4A), (2) Carroll and Thomson (4B).

The School's Doubles places are:-

(1) Apps and Tatham (1A), (2) Johnson and McCarthy (3B), (3

Perkins and Nelson (1D), (4) Jane and Grey (3C).

The Teams Championship of 10 men went to 1D, with 3B second. The meritorious win of the 1D team was largely due to the fine throwing of Perkins, whose four throws were 48, 31, 63, 5. Howe and Wilson supported him with 33 and 36 respectively. The scores were:-

1D (winners), 323 points.

3B (second), 198 points. 2D, 180 points.

1B, 179 points.

2A, 170 points.

1A, 157 points.

2C, 136 points.

2B, 140 points. 3A, 120 points.

1C, 118 points.

3C, 115 points.

A word of praise and of thanks is due to the sports reps. for their work. Generally they have done well, and have given much valuable assistance in the carrying out of the sports work during the year. Many of them have a good grip of their classes. We hope the boys of 1917 will elect equally capable and energetic workers.

#### CT.ASS NOTES.

1A.—Here we are again in Block 3. just recovering from the term examination. A gloom was cast over our class at Michaelmas when our best sport, Andrew Small, left our class to enter the serious side of life. We wish him every success in his career. He was our star football and cricket player, and was also our football captain, and would have probably been our cricket captain had he not left. In the class quoits competition Apps came first, Tatham second, Edward third, and Travers fourth. Tatham and Apps also came first in the doubles, Holdaway and McGuigan second, Jolly and Ferguson third, Travers and Withers fourth. 1A is still going ahead. Our champions are B---t and C----o, who are still upholding our honoured name. Many of our contributions have been rejected. The standard is too high (?) We were delighted on Friday, November 11, at 3.30 g.m. Some of the Sherlock Blakes might be able to deduce why. Before the exam. we were told by each teacher that his subject was the most important, and that if we were wise we would spend all our spare time in studying up that particular subject. No news has been heard of Mr. Percival, who is now doing military service abroad. He is inquired for by the boys of first year, especially 1A, with whom he was a universal favourite. If his address were known by the pupils his correspondence would probably become much larger than it is at present. [H. K. Percival, c/o Y.M.C.A., Tottenham Court Road, London.]

1B.—Efforts are being made by the manual work teachers of this School to obtain a first-class collection of models, as a contribution to the coming Manual Work Exhibition. With this object in view, a number of boys in this class have been chosen to spend extra time in the workshops, in order to make the models required. It is hoped that the scheme will be received with enthusiasm, and that the exhibits from this School will rank among the best.

1C:-"Where, oh where, have their Class Notes gone?".-Ed.

1D.—"Wake up!" As the leading and best class in first year, we should not shirk our duty, and leave three or four boys to defeat any class that has the audacity to challenge us. It is our duty to roll up in our myriads, and give such classes as these a good drubbing. On one occasion we were challenged by 1C, and only three boys turned up, and to give them their due credit, they won easily. [1C or 1D?—Ed.] Leave swimming alone for a while, and come out to the sports ground and show our opponents that we are really good sports.

2A.—Although it is a self-evident and generally accepted fact. it may interest the uninformed—or misinformed—that 2A is, as its name implies, the premier class of second year. We have been informed by some of the masters that 2C is our serious rival. In fact, one master committed himself so far as to say they were superior!! But we have our own opinions on that matter, and, "believe me," they are not flattering to 2C. In sport we have clearly shown our supremacy. On the sports ground we were unbeaten, in spite of the fact that we had a miserably small team. We should have been represented much better in the contests with other classes. Genge upheld our end of the stick at tennis, where he won the singles championship of the School. Evidently style does count in tennis with some people. Gillings ably represented us in the quoits championship, and altogether 2A has made a very good showing. We are now studying (!) feverishly for the intermediate, but we will be in evidence again next time.

2B.—Our time in 2B is fast drawing to a close (at least for some of us), and we begin to reflect on the past. There are many, many things to think about. The pleasing incidents in school life, attempts at sarcasm and witticisms by teachers, and lately arguments on conscription. Our class, being very patriotic, contains only two "antis." Our football team—such a team, to be sure!—of burly, blustering forwards, excited halves, tough backs, and idle goalkeeper. Our goalkeeper seldom had anything to do, which speaks well for the invulnerable backs. Nearly everyone wore a different coloured jersey, and had his own way of playing, and his own ideas of the game. However, we won the class competition, but suffered defeat at the hands of 3A in the fight for the class championship. In consequence of our many coloured jerseys (Joseph's team, "the team of many colours"), the following lines of "poetry" is to stimulate the imagination of the gorgeous eleven, always playing a win, for, like Cromwell's Ironsides, "we knew not what defeat was":---

## OUR FOOTBALL TEAM.

There's many a different jersey worn,
With wool of gorgeous hue—
But the best of all the colours put on
Is the grand maroon and blue.
There's some wear Brown alone;
Here a Black attracts a few;
There's some who go in Red and Green,
But come out Black and Blue.

[To be read only when badly out of breath. The irregularity of the metre is due to the stress and strain of "bung rules"—in poetry as well as in football.]

2C.—In recent editions of our journal the 2C class. sharing the fate of other classes, has been unfortunate in that room could not be found for the matter written up by the class representatives. This caused a little ill-feeling on the part of the boys toward the reps., but this soon blew over. With the near approach of the intermediate examination, hard "grind" is the order of the day, and for some time frivolity has been put aside (?) Perhaps a brief sketch of those worthy of note will not be amiss. By his own request we are to remain silent concerning our esteemed prefect. Ouite the most deserving of mention is Les Fitzpatrick. Having had a bit of hard luck last year in connection with the intermediate, he resolved that he would put in a year of diligent study, with the result that he holds second place in the class. "Fitz" has acquitted himself exceptionally well in sport, being largely instrumental in the many wins to 2C's credit during last season's Soccer. Theo. Grant, too, is far from being at the bottom of the class. term examination he proved himself the best French scholar in the two French Classes in the second year. Harry Williams is quite an adept at the test tube, and indeed anything in which Lavoisier, Avogadro, and Company, Unlimited, play a part. Sidney Fleck is deserving of approval respecting his Soccer prowess. Generally speaking, the members of the famous 2C are such that a number of passes are justifiably expected in the forthcoming exam. Lately 2D challenged us, with the object of ascertaining which class contained the greatest number of all-round sports. It must be stated, in all fairness to our respected opponents, that we were defeated by one point, the defeat, it is maintained, being due to their superiority in the running of the half-mile. This class has been the subject of general amusement of late whilst playing quoits. Not because we can't play-on the contrary, we beat 2A, 2B and 2C at both singles and doubles—but on account of the articles with which our chaps play. Mr. Schrader calls them "quoits." We see no resemblance between a quoit and a piece of hopelessly entangled wire and rope. In addition, the numbers mysteriously decrease. At present we have "three and a bit"—hardly enough to get a break with, eh? The "bone-yard" no longer possesses its attraction—the "attraction" having been removed.

 tained a fair levy from our class, and every day more entries are coming in for the scheme of providing the occupant of the Tech. block with a fair-sized poultry run. [The fowls to put in it?—Ed.] "Once upon a time," not so very long ago, a respected teacher of ours asked a scholar (whether he is brilliant or not it does not matter) what "homicide" meant. The teacher received a shock when he received the startling answer, "Home by the wayside."

3A.—Whew! At last it's over! Now for an easy time till Christmas. Such was the characteristic phrase to be heard among the third year boys proceeding from Turner Hall after the recent half-yearly examination. But what a bitter disappointment awaited us. The first period on the following Monday morning saw the "parley vous" (us) separated from the "Huns" and "odds and ends": the second we started on the eternal grind once again. This gloom was replaced by jubilant spirits at dinner-time, however, for were we not what we now termed "men of authority"? henceforth "fourth vear swankers"? Despite this unexpected promotion, we managed to keep the "ice waggon running," but we are glad we cannot say the same about our old rivals, 3B. Hardly had five minutes elapsed after the announcement than their hats began to shrink and grow too small. At dinner-time the majority of their numbers found difficulty in remaining on terra firma. This was bad enough, but worse was to follow. On falling in for afternoon lessons no 3B boy was to be seen in the playground. After some time they were unearthed behind the old quadrangle, where they had taken possession of the old fourth year quoit peg with their customary cool cheek. After some discussion the wise heads of our class decided unanimously that matters would not do as they stood, with the result that the following day saw us established in their place. Since the last edition of this journal we have again demonstrated our supremacy in sport by unexpectedly winning the School's Soccer championship. Throughout the whole series of games we had only one goal scored against us, and it was not scored by 3B. This fine performance was mainly due to the untiring efforts of skipper J. Horn and G. Dempsev, with occasional brilliant play by Armstrong, L. White, G. Wythes, and A. Hampton. Soccer, however, is not our only sporting element, for since the beginning of the summer we have supplied the captain and four members of the first cricket eleven. Those that do not play cricket spend their Wednesday afternoons either in the tennis courts or at the baths. Quite recently we terminated our class quoit championship, which H. Armstrong won, defeating S. Walsh by three in the final. Who said the age of miracles had passed? Not long ago our respected maths. masters, Mr. G. and Mr. C., actually condescended to join us in this noble game. We found, to our

surprise, that Mr. C.'s quoits are liable to hit the peg, while Mr. G., by careful mathematical calculation, is occasionally successful. As he is a modest gentleman, however, he refuses all encouragement and applause. Of late some of our members have developed a mania for exploring, and many are the tales they tell of the "deep. dark, damp dungeons" and healthy, heavenly heights of Ultimo Power House. All those who have not seen chimney tops, Mars, and other planets, ghosts and spirits, at close quarters are hereby recommended to see these members. During the forthcoming holidays, which will be over before this copy goes to press, every member of the class intends attending French's Forest for at least three days. Many are staying there the week, and they mean to combine pleasure and work, as at last camp. It was during the latter that, for the first time, we nearly had open hostilities with our enemies, 3B. Foolishly judging all humanity by ourselves, we left our food within easy reach, thinking it safe. Promptly seizing the opportunity, those ill-fed creatures purloined our bread and steak. It is to be said to our credit, however, that on seeing their pitiable condition our hearts were touched, and we granted them the food, without thought of ourselves. Indeed, it would have gone extremely hard with us if one resourceful brain had not suggested that he could make damper. It was our first acquaintance with damper, but we accepted it with a light heart, and found it quite palatable. Now that we have commenced our fourth year studies, we have joined forces with our old friends, 3C., who are most heartily and cordially welcomed. We feel sure that the joint forces will go marching on successfully through the fourth year campaign, winning laurels as we proceed, finally terminating our career by taking the 1917 Leaving Certificate at the point of the pen.

3C.—Clang, clang! The lunch-hour has arrived. There is some clashing of bags and pushing of chairs, and the class is lined up at the door. There is a run downstairs in order to keep up with the class and the quoits. When we reach playground thousands of groups of boys greet our eyes (at least, they seem like thousands). All these boys are concerned in the same occupation. They are trying to throw quoits on to a peg driven into the ground, and most of them are succeeding, too. We do not have eyes for this panorama for long, because our own game has already begun The boy who has been minding the quoits since the morning "breather," which in the scholastic world corresponds to a "smoko." has the first throw. The wall is then consulted, and the next thrower is decided upon. Before this "roster" was invented by our genius, Mull. by name, there was always a scramble for the quoits. Nowadays a boy can have his throw, and adjourn to have some dinner, confident that he will have another throw in his turn (if he keeps his eye on the order in which the players toe the line). The quoits are kept going all the dinnerhour, and the way in which the boys respond to the whistle would lead anyone to believe they would keep the quoits going for weeks (if they got the chance).

4A.—Very busy. L.C.

4B.—Absolutely immersed in the elucidation of perplexing problems for L.C.

#### CONTRIBUTORS

R.H.: "Over the Rail" very promising. Good phrases and vivid picture. Crowded out this issue,

R.J.G.: Almost unreadable owing to the cramped style of writing. Use one side only in all manuscript intended for publication.

E.T.: Too late for preparation of block.

—.: Unsigned article on "Canoblas" should be re-written on one side of the paper only.

S.T.: Very good in parts.

S.S.J.: Will use.

-.: Anonymous articles on Maths. cannot be printed.

J.O'C.: Needs improving in the construction of the sentences. Ideas very fair.

O.W.: Many humorous and sly "digs" at some of us.

S.B.D.: Too suggestive of the Stadium.

L.H.: Good in parts.

N.W.: Will use your ability to a greater extent in 1917.

-.: Anonymous and unnamed lucubrations dealing with bush experiences.

H.B.: Rather interesting.

S.B.: Needs revision.

E.G.: Exciting incident at the close unfortunately cut out by censor.

N.B.: Longfellow paragraph is doubtful. Was the tree cut down to make Longfellow a chair? See poem "From My Arm-chair."

E.J.: Scansion somewhat irregular. Theme good. Avoid long classical terms in poetry.

H.C.: We want original, not selected, articles.

A.W.M.: "The Tuck Shop"—Rhyme scheme somewhat irregular. One couplet:—

"As we all know, our tuck shop small Contains much food to feed us all."

Evidently the muse does not soar too freely after a visit to Mr. P.'s emporium.