



SYDNEY
TECHNICAL
HIGH SCHOOL
JOURNAL

November 1938

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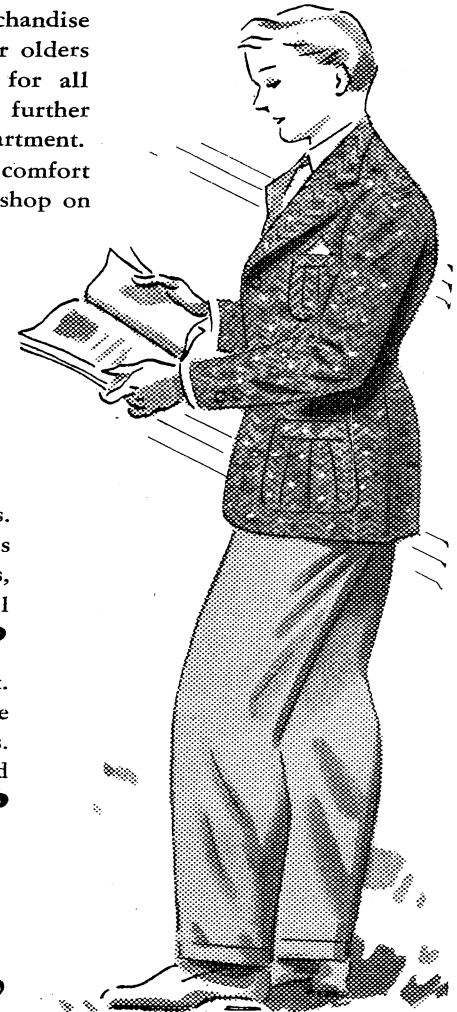
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SCHOOL DIRECTORY—

TEACHING STAFF

Headmaster M. MACKINNON, B.A., B.Sc.

Deputy Headmaster D. J. AUSTIN, B.A.

Department of English: F. H. Beard, M.A. (Master); A. W. Brown, B.A.; H. Fisher-Webster, B.A.; H. E. McGregor, M.A.; J. W. Mullinger, B.A., B.Ec.; J. F. Ryan, B.A.; L. A. Walsh, B.Ec.

Department of Mathematics: D. J. Austin, B.A. (Master); L. G. Beatty, B.A.; G. L. Cummings, B.A.; F. D. Harrison, B.A.; R. Hutchinson, B.A.; H. Lowe, B.A.; D. Nolan, B.A.; H. W. Turner, B.Sc.

Department of Modern Languages: H. Savage, M.A., Dip. Ed. (Master); J. K. Allen, B.A.; L. R. Bradley, B.A.; J. M. O'Dwyer, B.Sc.

Department of Science: S. R. Bilbe, B.Sc., Dip. Ed. (Master); W. M. Allen, B.Sc.; W. L. Havard; T. H. Hughes, B.Sc. (Master on leave); A. V. Luke; N. G. Marks, A.S.T.C.; H. Quiney, B.Sc.

Department of Drawing: F. W. Atkins, F.T.C.; J. Nickal, R.B.A.; G. Parr.

Department of Metal and Woodwork: W. Cook; H. W. Mitchell; J. Nimmo; R. Van Heythuysen.

Department of Music: A. R. Bellhouse, B.A., Dip. Ed.

Physical Training Instructor: R. McCurley, Dip. A.P.C.S.

THE UNION COMMITTEE

President: The Headmaster.

Vice-President: The Deputy-Headmaster.

Hon. Secretary and Treasurer: Mr. L. R. Bradley.

Sportsmaster: Mr. L. G. Beatty.

School-Captain: R. Cornelson.

Cricket: Mr. J. K. Allen, G. Smith, R. Heywood.

Football: Mr. J. Mullinger, J. McClelland, J. Cunneen.

Athletics: Mr. H. W. Turner, K. Harvey, C. Boorman.

Swimming: Mr. H. E. McGregor, W. McKenzie, G. Swinbourne.

Tennis: Mr. H. Fisher-Webster, R. Rocavert, E. White.

Library: Mr. A. W. Brown.

Debating: Mr. L. Walsh, G. Allen.

Journal: Mr. F. H. Beard, W. Costello, G. Swinbourne.

Text Books: Mr. W. L. Havard.

PREFECTS:

R. Cornelson (Capt.), A. Nuberg (Vice-Capt.), G. Allen, W. Banks, J. Clunne, J. Cunneen, R. Enilane, D. Fifer, G. Francis, G. Gapp, K. Harvey, E. Johnson, A. Llewelyn, G. Mann, K. Marsh, J. McClelland, W. McKenzie, E. Parker, R. Rocavert, E. Shirley, G. Smith.

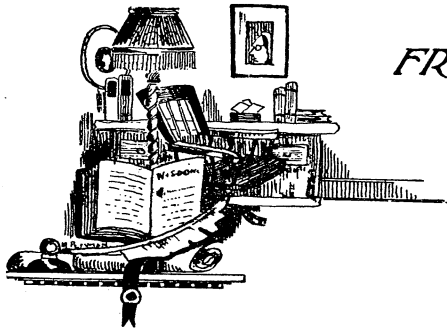
SYDNEY TECHNICAL HIGH SCHOOL JOURNAL

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Sub-Editors: J. Brown, G. Swinbourne.
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No. 1.



FROM THE EDITOR'S CHAIR

Another year has passed in the history of the school, and as we turn and see our actions in 1938 being borne down on the stream of time, it is well to ask ourselves what we have accomplished, what we have done to prepare ourselves to take part in the great game of Life?

Many of us no doubt have studied earnestly and well and paid great attention to our work. But has our study always been in the right direction or have we devoted too much of our time to a subject in which we show a special interest? This is a matter that requires earnest consideration by everyone of us, for in a school such as ours, where great attention is paid to technical work, there is always a tendency for the average boy to become too absorbed in these studies, with the result that the cultural side is neglected.

So if we have been guilty of this neglect in previous years, let us now resolve that the old school shall earn an illustrious reputation not only as the producer of outstanding mathematicians and technicians but also of brilliant literary, language and history students. Let us resolve to be cultured as well as efficient. Let us endeavour to realize the full depth of meaning behind our school motto and also let us try to live up to it.

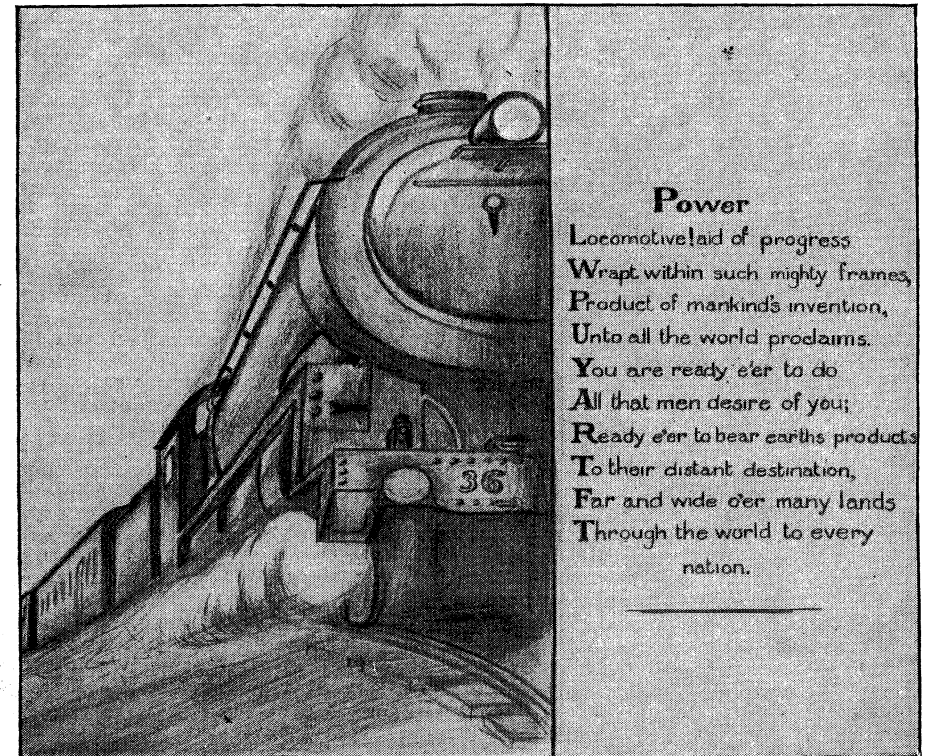
This outlook in view, next year we hope to see many more boys taking greater interest in such an activity as debating, for this is an occupation which provides keen enjoyment to all participating, sharpens the wits, and above all gives what is vital to the student who wishes to make his mark in after life—the art of self expression.

Some of us will no doubt become, later in life, executives in some large industrial firm. Although, to attain this position, technical

knowledge is essential, culture and refinement are also necessary to fill it admirably, for an important representative of a large firm is called upon to make many formal appearances and addresses, and, to carry out these duties, it is essential that he have the bearing of a gentleman.

In these days, when the future of the average student is clouded with difficulties and problems to be confronted after leaving school, it behoves us to see that, while we are at school, good use is made of our time, for outside is the world that later we must face, a world in which we will always be dogged by fear of unemployment and poverty, unless we have guarded against this happening while still at school.

With these few thoughts in view let us remember that there are two main factors in determining our success—character and education. While we are at school, we must keep this in mind and so endeavour to build up a strong and admirable character and also acquire a suitable education. But let us always remember, especially since this is a technical school, that more than mere efficiency is required before one can be called educated. Let us have the greatest efficiency, by all means, but let it be combined with wide human sympathies and high ideals of personal character and culture.



Power

Locomotive! aid of progress
Wrapt within such mighty frames,
Product of mankind's invention,
Unto all the world proclaims.
You are ready e'er to do
All that men desire of you;
Ready e'er to bear earth's products
To their distant destination,
Far and wide o'er many lands
Through the world to every
nation.

Drawing and Original Verse by W. Bunyon, 4A.

SCHOOL NOTES

A number of staff changes ushered in the present year. Mr. J. Hudson was promoted to the position of Deputy Headmaster, of Cessnock High School. Congratulations, Mr. Hudson. His place was taken by Mr. F. H. Beard, from Bathurst. Mr. Savage came to us from Parramatta, as Modern Languages Master, in place of Mr. Jerrems, who was transferred to Sydney High School. Mr. Price, the popular sportsmaster of 1937, received promotion as Mathematics Master at Broken Hill. Mr. Craft, of the Mathematics Staff, and Mr. M. Cohen, of the Modern Language Staff, went to Cessnock and Fort Street, respectively, their places being taken by Mr. Nolan and Mr. O'Dwyer. Mr. Flynn (Science), was replaced by Mr. W. Allen. The staff was further augmented by the appointment of Mr. J. Johnson (English Staff), Mr. R. Hutchinson (Mathematics) and Mr. H. Quiney (Science).

Early in the year, our Science Master, Mr. Hughes, went abroad on long-service leave; Mr. Bilbe, from Sydney High School, was appointed to take his place.

Empire Day was celebrated in traditional style at National Park. As usual it was an outstanding success. Our congratulations to Lander, Cornelsen and Mann, on the fine speeches they made and also to the choir on their excellent rendering of the School Song. A pleasing feature was the presence of so many parents. Although early in the day it rained, our proverbial luck soon came to our rescue and we experienced a gloriously fine day.

After the official ceremony, the favourite pursuit of most seemed to run to boating, although it is rumoured that some members of the staff indulged in a little fishing and caught — nothing!

Held at the Sydney Cricket Ground for the second time, our Athletic Sports were again a most successful function. We were favoured by glorious weather and the organisation reflected much credit on Mr. Beatty and members of the Athletics' Staff. The House competition once again aroused great enthusiasm with the result that there were a large number of entries in each event. The competition was won for the first time by McMullen House.

This year of 1938 has been a most momentous one for the school in the realm of swimming, for we performed the unparalleled feat of showing a clean pair of heels to our opponents in every division of the C.H.S. swimming. Senior, junior, juvenile, and of course, the aggregate, all became scalps on the belt of Tech. High. Our laurels were further added to by G. Swinbourne, who won us the Kieran Memorial Cup for the senior 880 yards.

Congratulations to the Debating Team on winning the Hume-Barbour competition this year. Great enthusiasm has been shown by both members and prospective members of the team. We hope to see this enthusiasm carried on in future years.

We offer our sincerest thanks to Mr. Frank Grose, of Station 2GB, for his most helpful advice and constructive criticisms in adjudicating a trial debate between the school team and 4th year.

We were pleased to see those famous athletes of other years, Jack Mumford and Len Stephens, present at our School Athletic carnival. It is good to see Old Boys taking such an interest in the school.

We offer our condolences to Mr. Price, a former teacher of this school, who had the misfortune to bring a large team of athletes from Broken Hill, only to be dogged by rain and forced to return home without any of his athletes being able to participate in the C.H.S. carnival.

During the year, owing to the kindness of Mr. J. Green, of the P.M.G.'s Dept., second and fourth year boys have been initiated into the mysteries and intricate workings of telephones and telephone exchanges. We express our thanks to Mr. Green for the excellent manner in which he explained the workings of these instruments and also for his skilful impersonations of various users of the telephone.

THE PARENTS AND CITIZENS' ASSOCIATION

Patron: Mr. M. Mackinnon, B. A., B.Sc.

President: Mr. A. H. Pilgrim.

Vice-Presidents: Mr. A. P. Rowe; Mr. R. C. Philipp.

Hon. Sec.: Mr. J. H. Stone, F.C.A., (Aust.)

Hon. Treasurer: Mr. J. Morison.

Committee: Mrs. Pilgrim; Mrs. Gilbert.

Since its inception in 1935 this body has had as its prime object the assisting of the school in all its activities. Any parents who show their interest by visiting the school will see already evidences of our work, as the appearance of the building is definitely better than it was two years ago.

This building was built in 1894, and was occupied by Sydney Technical High in 1923. When our association was formed in 1935, accommodation, equipment and playground facilities were hopelessly inadequate. The original members met the Minister for Education by deputation, and, at their request, he visited the school, and as a result some repairs were effected and some improvements made in the equipment. Of course, these were only temporary expedients, and the Minister realises that nothing less than a new building on an enlarged site will meet the situation. It may sound something like a theme-song now to state that fulfilment of our hopes in this connection is very near—it has been said since 1912—but we feel confident that, as a result of the work of a Sites Committee specially set up, and as part of the Government's policy to encourage and develop technical education, the school will soon have a position and a building of which it, and the State, may be proud.

The Association has kept in constant touch with the requirements of the pupils of the school and has already spent £127 on the purchase of text-books, prizes and Science equipment. It has also contributed towards the purchase of library books, a player piano and a radio-gramophone set.

Various Zone Branches have been formed in the metropolitan area and sectional meetings are held each month, representatives of the Zones attending the General Meetings on the first Thursday of



PREFECTS, 1938

Front Row: E. R. Shirley, J. Clunne, R. R. Cornelson, Capt., Mr. M. Mackinnon, Headmaster, Mr. D. J. Austin, Deputy Headmaster, A. Nuberg, Vice Captain, R. Enilane.
 Second Row: J. R. McClelland, G. S. Allen, W. L. C. McKenzie, G. L. Gapp, W. A. C. Banks, G. Smith.
 Back Row: J. C. Cunneen, R. Johnson, B. K. Marsh, G. C. Francis, E. C. Parker, P. E. Fifer, A. E. Llewellyn.

each month, and thus close touch is maintained throughout the whole Association.

You may be interested to know that the Association is one of the largest in the State. The Annual Subscription is only a shilling. Why not join at once, and so step into line with those who are actively interested in this great school, and working constantly for its welfare?

PLAY NIGHT

This year, for the first time in the history of the school, play night virtually became "play nights," for the school presented a selection from its repertoire of plays on both Friday, 6th and Monday 9th May, in the Conservatorium Hall.

The innovation proved a great success inasmuch as it allowed twice as many boys as in previous years to show their dramatic ability before an audience composed of adults. In view of this we look to see a great improvement in the standard of acting next year, due to more boys having had experience.

Although not every play was selected, all were given a trial on Play Day, which was held at the Macabean Hall, and a small number were then eliminated.

To the organisers of the play nights, Messrs. Bradley, Beard and Fisher-Webster, and to Mr. MacGregor, our make-up expert, we express our heartiest thanks for their sincere and diligent work in making the play night a success. Also to all members of the staff who assisted in organising the plays themselves we express our heartiest thanks.

On Play Day, Messrs. Savage and Bilbe kindly acted as judges, and allotted marks for various aspects of the productions, thus assisting in choosing the classes to perform their plays at night. It was generally agreed that the most outstanding performance was "An Incident of the Forty-Five," by 4A. It was admirably presented, and the performance of J. Broun as Campbell, the Scotch lawyer, engaged in hunting down Jacobite rebels, was excellently sustained. The Fifth Year classes presented scenes from their examination text, "Julius Caesar," with gusto—particularly in the mob scenes—and there were some very good interpretations, notably Antony (Lander), Brutus (Mirovitch), Caesar (Simons) and Cassius (Teasdale). Third Year plays were scenes from "The Merchant of Venice," and here, too, there was some quite good work. Osmotherley of 3C made a striking Shylock, while Deller of 3D was an admirable Portia, his "charm" greatly enhanced by Mr. McGregor's skilful making-up. The property manager, Mr. Mitchell, assisted by Mr. McCurley, helped greatly in the success of these plays, the Court Scene being very impressive.

Among the lighter plays, the 2A deserved special commendation for its performance of "Wireless and Suchlike." Every boy in this play entered into the spirit of it, and there was a consistent high standard of acting that the audience was not slow to appreciate. This play was presented on both nights. The best farce was "Thrills in Soho," by 4C, much laughter arising from the humorous acting of Wyly, a waiter, and Radionoff and Knodler, a pair of "stage" anarchists. "The Thought Machine" was another good comedy, presented by 4B, Marsh, the landlady, being outstanding, while some

excellent work was put into "The Mechanical Man," by 2C, the difficult part of a robot being excellently taken by J. Gorman.

1A ("The End of the Story") and 1D ("Under the Skull and Bones") also performed creditably at the night sessions. 1C deserves special mention for writing and producing its own play, "How Horatius Kept the Bridge," as well as exercising great ingenuity in improvising suitable costumes for a very large cast. 1B, by acting a scene from "The Christmas Carol," added to its understanding and appreciation of that piece of class work, while 2B showed its interest in History by dramatising some scenes from the industrial history of England under the title of "The Miners' Friend." 4D's performance of "A Night at an Inn" and 2B's "Shivering Shocks" added a touch of melodrama to a well-balanced and enjoyable programme.

As recorded elsewhere, the choir also gave items, and its fine efforts were warmly appreciated.

TECHNICAL HIGH IN PAGEANTRY

An important feature of the sesqui-centenary celebrations was the colourful secondary schools pageant, "Neath Southern Skies," which opened its season of three successive performances at the Sydney Town Hall on March 29th.

However, before the great curtain was "rung up," extensive preparations were made to ensure a successful show, and the Technical High participants were very busy in this respect.

The school in general became conscious of something unusual, when roughly garbed figures in unbleached calico began flitting over the playground. It cost many a haughty fourth year lad considerable patience in explaining that he was not really a sweet dairy maid, but merely a patriotic senior dressed for duty.

Eventually, after rude interruptions to classes, evoking varied expressions of disapproval from zealous masters—and vigorous (?) activity in the basement, the properties were constructed under the practical guidance of Messrs. Fisher-Webster and McCurley.

The night of the long-awaited full dress rehearsal arrived and at 10.45 p.m. our twelve tired yet excited representatives took their places on the stage, to represent, in six tableaux, Australia at work.

Dressed entirely in white, with property and faces painted to match, our lads produced the desired effect of statues and earned the highest praise from the stage directors and the audience.

Thus, with the helpful interest of the staff and boys, and aided by the perfect weather, the school was able to excel in something outside its usual activities, yet inside its broad scope.

DEBATING

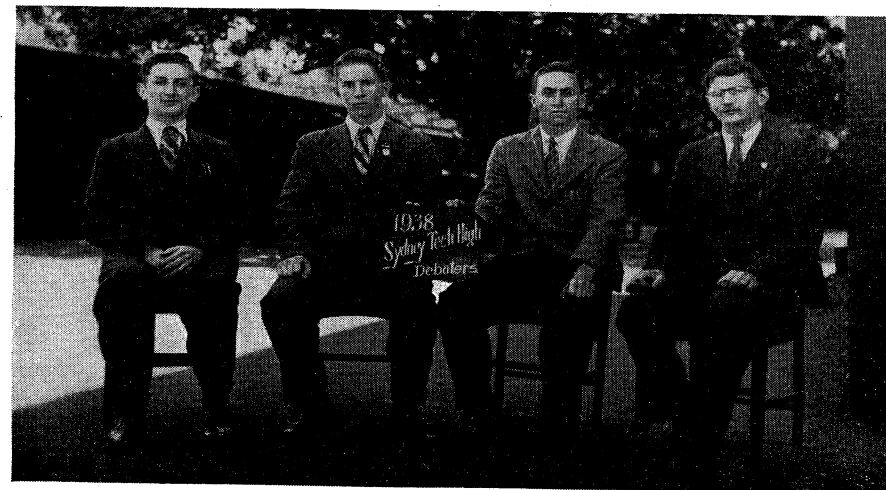
It is most pleasing to note the greatly increased interest which has been taken in debating in the school this year. This is a branch of school work which is of lasting benefit to all who participate. Debating teaches one to speak to an audience without nervousness, to think quickly and clearly and then to express these thoughts in good English and a convincing manner. These are attributes which, unfortunately, very few people possess, but which are of immeasurable assistance to those who do attain them. It is a fallacy that speakers are born, not made. True, some may have natural gifts, but all must practise and all can improve only through practice.

Fourth Year has been devoting one period a week to debating and the practice thus gained should be apparent in the School team next year. Consequently they have supplied valuable assistance in practice debates with the School team, and one of their members, Wilson, represented the School against Hurlstone.

Instead of having to urge the boys into activity in debating, as has been the case in some previous years, several volunteers were forthcoming, and consequently the standard was good and more success has been achieved than usual.

In the first round Tech. went to Hurlstone to affirm "That Australia should adopt a policy of immigration without racial restrictions." Owing to an unfortunate misunderstanding in the School team some confusion of ideas arose, but Tech. emerged victorious by ten points. Allen opened well, to counter a rather unexpected point of view taken by Hurlstone's first speaker. Our second man, Wilson, was disappointing, but Mirovitch spoke with excellent variation of voice and deserved the honour of gaining highest points. Allen's reply was vigorous and impressive, but unfortunately only lasted for five minutes.

This win brought the team against Cessnock for the second round and Mirovitch, Lander and Allen travelled north to deny "That Britain should pursue a policy of isolation in international affairs." Here again the School was victorious, and the team enjoyed a brief stay in the coal town as guests of their opponents. The team would like to take this opportunity of thanking the Cessnock boys, who kindly acted as hosts during their sojourn away from home.



SCHOOL DEBATING TEAM.

Winners of Hume-Barbour Trophy: S. Lander, G. Allen, K. Wilson, E. Mirovitch.

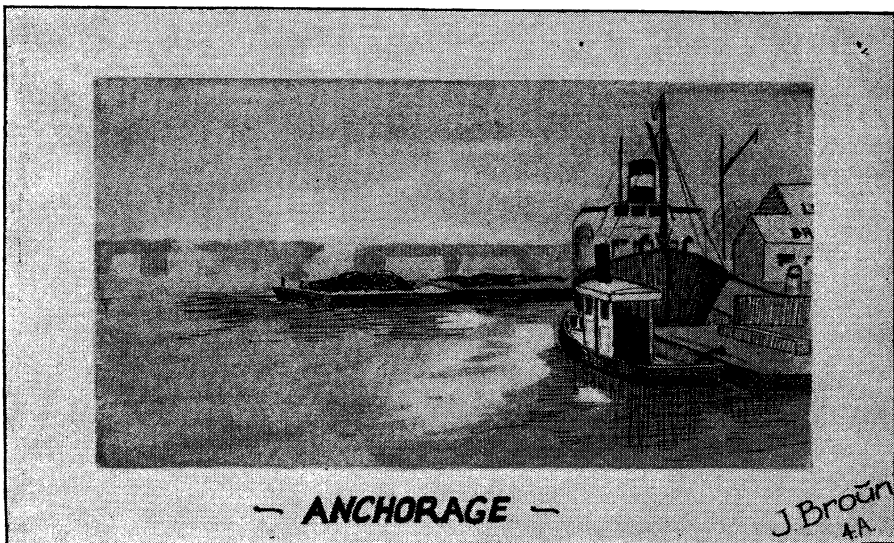
FINAL DEBATE

The final debate of the competition was between Fort Street and Technical. It was held at the Education Department on Friday night, 14th October, before a large audience, in which this school was very well represented, those responsible being particularly pleased to see so many boys bring their parents. One second year boy deserves special mention; he came all the way from Newport.

The debate was keen and very evenly contested. The summing up by the three adjudicators seemed to suggest that Fort Street had some advantage in rhetoric, but that Technical speakers were superior in logic and presented a stronger case. G. Allen received special praise for his good platform style and power of interesting and convincing his audience. A brilliant future was predicted for him if he engaged in a profession requiring ability as a public speaker. E. Mirovitch, our leader, spoke with considerable force and was at his best in his reply. The other speaker, S. Lander, presented a thoughtful and painstaking case quite well. The decision was a majority one by a narrow margin, two adjudicators giving Technical the advantage and the other favouring Fort Street.

The school is proud to receive the fine Hume-Barbour trophy for the second time since the competition was introduced. It congratulates Fort Street on so nearly winning, and feels sure that that school will not grudge us the trophy, since it has held it on four previous occasions. We assure our sister school, however, that we intend to strive very hard to retain it now, or, at least, to see that it has to be fought for as keenly next year as it was this.

K.H.



Speech Day, 1937

Last year's Speech Day was held in the Paddington Town Hall on 15th December, His Worship, the Mayor, presiding, and the Department being represented by Mr. A. W. Hicks, M.C., M.A., Superintendent of Technical Education.

The Headmaster, in his Annual Report, again stressed the inadequacy of the school buildings and the lack of an Assembly Hall. He gave some interesting comparisons with the Technical Schools of Toronto, Canada, which are equipped with Auditoriums seating from 1000 to 1300 boys, Gymnasiums, Showers and Swimming Pools, well-stocked Libraries, and most up-to-date Science Laboratories. This school, being the only one of its kind in the State, should be a show place, but overseas visitors had to be kept away from it because of its position as the Cinderella among the High Schools.

Mr. Mackinnon stated that the entrance qualification for the school had risen considerably, and competition for admission was very keen. The enrolment had risen to 793 for the year, but many hundreds of boys had to be turned away.

Among the new school activities, special mention was made of the Choir, which had been formed by Mr. Bellhouse, our teacher of Music, and had already achieved considerable success, as its singing on this occasion indicated.

Thanks were offered to the Parents and Citizens' Association for their continued interest in the school, particularly in providing a Combinola Piano and a Radio-Gramophone set.

Mr. Mackinnon explained the introduction of a school uniform, and stressed the improvement it would make in the general bearing, and self-respect of the boys, as well as adding greatly to the smartness of their appearance.

Much had been said and written of late, said Mr. Mackinnon, on the subject of Homework. While he believed that it should be unnecessary in Primary Schools, he was convinced that it could not be dispensed with in Secondary Schools, where boys had to fit themselves for their careers by concentrated study, but he thought that, in the pre-Intermediate years, two hours a night for five nights a week should be sufficient.

In discussing the prospects of employment for boys leaving school, he said that he was unable to supply the demand for boys who had passed the Leaving Certificate Examination. It was here that by far the best prospects opened up for boys who had ability. He strongly urged parents of pupils who gained good passes at the Intermediate to allow them to stay on for the additional two years and so enhance their chances of a successful career.



THE STAFF

Back Row: Messrs. R. Hutchinson, J. Johnstone, L. Walsh, H. Low, D. Nolan, J. F. Ryan, J. O'Dwyer.
 Third Row: Messrs. H. W. Turner, H. Quiney, J. Nimmo, W. Allan, A. R. Bellhouse, G. Parr, G. L. Cummings, J. K. Allen, H. Mitchell.
 Second Row: Messrs. R. McCurley, J. W. Mullinger, F. D. Harrison, W. L. Havard, H. E. McGregor, N. G. Marks, A. W. Brown, J. Nickel, H. Fisher-Webster.
 Front Row: Messrs. L. R. Bradley, L. G. Beatty, F. H. Beard, D. J. Austin (Deputy-Headmaster), M. Mackinnon

Leaving Certificate Results.

Key to Exam. figures: 1, English; 3, French; 4, German; 5, Maths. I; 6, Maths. II; 7, Mechanics; 8, Modern History; 10, Physics; 11, Chemistry; 14, Geography; 17, Economics; 23 Technical Drawing.

Attenborough, W., 5B 6B 10B 13A
 Beacroft, H., 5B 6B 10B 23B
 Besley, S., 1B 5H 6H 7A 10A 23A
 Bevington, K., 1B 5B 6A 7B 10B 23A
 Bradford, A., 1B 5B 6B 8B 10B 11A 23B
 Broadbent, G., 1B 5B 6B 8A 10A 14B
 Cambourn, R., 5A 6A 7A 23B
 Cameron, J., 5B 6B 7B 10L 23B
 Champion, I., 1B 3B 5A 6B 8B 10B 11B
 Chapple, I., 1B 6B 14B 23B
 Coates, B., 1B 5B 6B 14A
 Collins, B., 3L 5A 6A 7B 10B 23A
 Coombes, H., 1B 5B 6B 23 B
 Collins, W., 1B 3B 5H 6H 7A 10A 11H2
 Cullen, C., 1A 3B 5A 6A 8H2 10A 11A
 Cumines, H., 5B 10B 11B 23A
 Dadley, —, 5B 6B 11L 23A
 Dawes, C., 1B 6B 10L 14B
 Egan, R., 5B 8B 14H2 23B
 Ennis, D., 1B 3B 5A 6B 7B 10A 23B
 Fenton, J., 1A 5B 6B 8B 10B 14H1 23B
 Fragar, L., 1B 5A 6A 7B 10B 11B 23B
 Franklin, R., 3B 6B 7B 10H2 23A
 Freeman, A., 1B 3B(o) 5H 6H 7A 10A1 23B
 Garrad, M., 1B 5B 6B 10A 14B 23A.
 Gibson, D., 5B 6B 7B 10A 11A
 Grayhurst, A., 5B 6B 10L 23B
 Green, K., 5A 6B 10B 23B
 Griffin, A., 1B 5A 6B 7A 8B 10H2 23A
 Griffith, C., 6B 10B 11L 23B
 Haddon, D., 5B 6B 7B 10B 11B
 Hall, W., 1B 4B 5A 6A 7B 10A 11H2
 Hankin, C., 5B 6B 7B 10A 23B
 Hansom, N., 5A 6A 7B 10B 11A
 Hughes, H., 1B 3B 5B 6B 8B 10A 11B
 Hunter, E., 1B 6B 10L 23B
 Johnson, R., 5B 6B 7B 10B 23B
 Jones, C., 1B 5B 6B 7B 8B 10B 23A
 Kaar, E., 1B 3B 5H2 6H2 7A 10H2 11B
 Knispel, C., 3B 5H2 6H2 7A 10B 11A
 Lee, R., 1B 8B 10L 14B 23B
 Lennox, F., 5B 6A 7B 23B
 Mathesen, A., 1B 6B 10B 11A 23B
 McClure, A., 5B 6B 7B 10B 11L
 Merryfull, C., 5B 6B 10A 23B
 Oxenford, R., 1B 5B 6B 8B 10B 14B 23A
 Parker, H., 6B 10B 14H2 17B 23A
 Paynter, K., 1B 5A 6A 8B 14B 23A
 Penna, E., 1B 5A 6B 8H2 10A 11A 28B
 Quigg, A., 5B 6B 8B 10B 14L 23B
 Ray, P., 5B 6B 7B 10A 23B
 Redfern, N., 5A 6B 7B 10B 23A
 Ritchie, R., 1B 5B 6B 8B 10B 14B 23A

Shears, D., 1B 5H2 6H2 7A 8B 10H2 23A
 Sheaves, C., 5B 6B 8B 14B 23A
 Simmons, H., 5B 6B 7B 10A 23A
 Smith, A., 1B 5B 6B 7B 8B 10A 23A
 Smith, R., 1B 5B 6B 7B 10B 11L
 Smith, W., 5B 6B 10B 23A
 Stewart, F., 1A 3B 5A 6A 8A 10A 11A
 Stubbs, J., 5B 6B 7B 10B
 Swain, R., 1B 5H2 6H2 8B 10B 14A 23A
 Tanner, W., 1B 5B 6B 8B 14B 23A
 Taylor, A., 1B 5B 6B 7B 8B 10A 23B
 Taylor, J., 1B 5B 6B 7B 8B 10B
 Vant, H., 5A 6A 7B 10H2
 White, K., 1B 5B 6A 10B 14B 23B
 Whitehouse, F., 5B 6B 7B 10B 11B

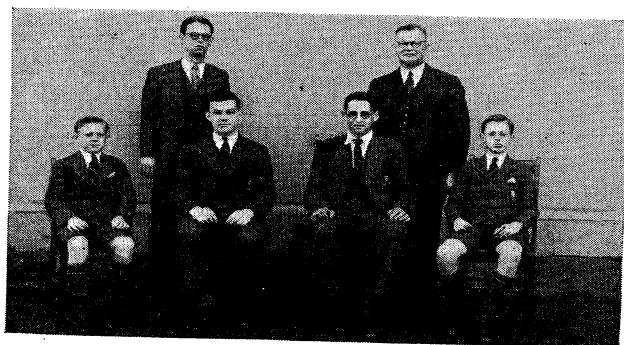
INTERMEDIATE CERTIFICATE RESULTS, 1938

Key to Intermediate Exam. figures: 1, English; 2, History; 4, Maths. I; 5, Maths. II; 7, French; 8, German; 11, Element. Science; 17, Drawing; 18, Woodwork; 19, Metalwork.

Agnew, K. E., 1B 2B 4B 17A 18 B 19A
 Agnew, N. M. E., 1B 2A 4B 5B 11B 17A 18B 19B
 Anderson, A. B., 1A 2A 4A 5B 7B 11B 17B 18B 19A
 Andrews, H., 2B 4B 17A 18A 19A
 Ashdown, S. W., 1B 4B 5B 17B 18B 19B
 Barr, L. M., 1B 2B 4B 5B
 Batty, J. K., 1B 2B 4B 17B 18B 19B
 Beale, W. S., 1B 2B 4A 11B 17A 18B 19B
 Boadle, D. G., 1A 2A 4A 5B 8B 11A 17A 18A 19B
 Boswell, R. J., 1B 2A 4B 5B 11B 19B
 Bray, M. F., 1B 2B 4A 5B 11A 17A 18B 19A
 Bridge, R. L., 1B 2B 4B 18B 19B
 Brown, W. K., 1B 2B 4B 5B 7B 11B 17B 18B 19A
 Buchan, H. J., 1A 2B 4A 5B 7B 11B 17B 18B 19B
 Buchland, B., 1B 2A 4B 5B 17B 18B 19A
 Byers, K. H., 2B 4B 5B 11B 18B
 Caldwell, R. A., 1B 4B 5B 11B 17B 18A 19B
 Carrick, A. J., 1B 2B 4B 5B 7B 11B 18B 19A
 Carroll, J. C., 1B 2B 17B 18B
 Carter, J. E., 1B 2A 4B 5A 7B 11A 17A 18A 19A
 Cooper, B. P., 1B 2B 4B 5B 11B 17B 19B
 Cordner, J., 1B 4B 5B 11B 17B 18B 19A
 Costello, W. McC., 1A 2A 4A 5B 7A 11A 18B 19A
 Crocker, H. G., 1B 2B 4B 11B 17A 18B 19B
 Davies, R. G., 1A 2B 4A 5B 7B 11B 17B 18B 19B
 Dawson, J. W., 2B 4B 18B 19A
 Ellis, N. R., 1B 2B 4B 7B 11B 17B 18B 19A
 Farmer, R. R., 1A 2B 4B 5B 11A 17B 19B
 Fischer, J. D. M., 1B 2B 4B 5A 7B 11B 17B 18B 19A
 Foote, M. G., 1B 2A 4B 5A 11A 17A 18A 19A

Freeman, K. H., 1A 2B 4A 5B 18B 19B
 Freeman, W. F., 1B 2B 4B 5A 11B 17B 18B 19A
 Fuller, N. P., 1B 2B 4B 17A 18B 19A
 Goddard, R. N., 1B 2B 4B 5B 11B 17B 18A 19B
 Gray, F., 1B 2B 4B 5B 17B 18B 19B
 Green, R. E., 1B 2A 4B 11B 18A 19B
 Hamilton, A. H., 1B 2B 4A 5B 11B 17A 18B 19B
 Harris, N., 1B 2B 4B 11A 17A 18B
 Hayes, K., 2B 4B 5B 17A 18A 19B
 Hayse, K. R., 1B 2B 4A 5B 11B 17B 18B 19B
 Heywood, R. C., 1B 2A 4A 5B 11B 17B 18B 19B
 Hill, W. T., 1A 2B 4B 5B 8B 11A 17A 18A
 Hodge, W. H., 2B 4B 17A 18A 19A
 Holman, L. W., 1B 2B 4A 5A 17A 18B 19B
 Howarth, F. S., 1B 2B 4B 5B 7B 11B 17A 18A 19A
 Irving, G. A. H., 1B 2A 4B 5B 11B 17A 18B 19B
 Jackson, R. H., 1B 4A 5A 11A 17A 18B 19B
 Jones, G. A., 1B 2B 4B 5A 11B 17A 18B 19A
 Jones, H. J., 1B 2B 4B 19B
 Jones, W. H., 1B 2B 4B 17A 18A 19B
 Knodler, K. J., 1B 2B 4B 17A 18B 19A
 Lawson, J. H. N., 1B 2B 4B 11B 17B 18B 19A
 Linbury, P. W., 1B 2A 4B 5B 7B 11A 17A 18A 19A 21A
 Lynn, J. P., 1B 2B 4B 11B 17B 18A 19A
 Mahoney, G., 1B 2B 4A 5B 11B 18B 19B
 Mallam, J. E., 1B 4B 5B 17A 18B 19A
 Marshall, G. E., 1B 2A 4A 5B 11B 17A 18B 19B
 McGuigan, D. V., 1B 2B 4B 7B 11B 18B 19B
 McManus, K., 1B 2B 4B 5B 11A 17A 18B 19B
 Miller, R., 1B 2A 4B 5A 7B 11B 17B 18B 19B
 Misdale, A. E., 1B 2B 4B 5B 7B 11A 18A 19B 17A.
 Murphy, G. G. A., 1A 2A 4A 5A 8B 11A 17A 18A 19B
 Nelson, R. W., 1B 2B 11B 17A 18A 19A
 Nuberg, L., 1B 2A 4B 5B 7B 11A 17B 18B 19A
 Oldfield, R. E., 1B 2A 4A 5A 7B 11A 17A 18B 19A
 Orr, J. R., 1B 2B 4A 5B 11A 17A 18A 19A
 Pilgrim, A. W., 1B 2A 11B 17B
 Pilmore, W. R. R., 1A 2B 4A 5B 11B 17A 18B 19A
 Pope, L. K., 1B 5B 11B 17B 18B 19B
 Purkiss, L. W., 1B 2B 5B 11A 17A 18A 19A
 Radford, G. J., 1A 2A 4A 5A 11B 17A 18B 19B
 Ramsay, C. W., 1A 2A 4B 11B 17B 18B 19B
 Rawson, R. J. T., 1B 4A 5B 7A 11B 17B 18A 19A
 Rees, A. W., 2B 4A 5B 11B 17A 18A 19A
 Reed, D. A. W., 1B 2B 4B 5B 11B 17B 18A 19B
 Rushworth, A. F., 1B 2B 4A 5B 11B 17A 18B 19A
 Russell, F. B., 1A 2B 4A 5A 7B 11B 17A 18B 19B
 Sanders, D. M., 1B 2B 4A 5A 11A 17A 18A 19A
 Schlieman, K., 1B 2A, 4B 5B 11B 17B 18B.
 Schmidt, A. L., 1B 2B 4A 5B 11B 17B 18B 19A

Schubert, M. G., 1A 2A 4B 5B 11A 17A 18A 19B
 Sellens, P., 1B 2B 4A 5B 7B 11B 17A 18A 19B
 Seymour, H. A., 1B 2A 4A 5B 7B 11B 17B 18A 19B
 Shaw, R. G. M., 2B 4A, 5B 11B 17A 18B 19B
 Sinclair, E. W., 1B 2B 4A 5A 11A 17B 18A 19A
 Somerville, S. A., 1A 2A 4A 5A 7B 11A 17A 18B 19A
 Stark, W. R., 1B 2A 11B 17B 18B 19B
 Stewart, D. F., 1B 2A 4B 5B 11B 17B 18B 19B
 Swan, R. A., 1B 2A 4B 5B 17A 18B 19B
 Swinbourne, G. S. 1A 2B 4A 5B 7B 11B 18B 19A
 Taplin, G. H., 1B 4B 5B 17A 18B 19B
 Taylor, H. R., 1B 2B 4A 5A 7B 17A 18A 19A
 Thompson, L. R., 1A 2B 4A 5B 11A 17A 18A 19A
 Thorne, R. H., 1B 2B 4B 5B 11B 17A 18B 19B
 Torzillo, J., 2B 4B 5B 11B 17B 19B
 Triglone, R. M., 1A 2B 4A 5B 11B 17B 18B 19A
 Turner, H. C., 1B 2B 4B 5B 11B 18B 19B
 Turvey, B. M., 1B 2B 4A 5A 7B 11B 17A 18A 19B
 Wiley, J. N., 2B 4A 11B 17B 18B 19B
 Wilson, L. F., 1B 2B 4B 5A 7B 11B 17A 18B 19B
 Wilson, S. T., 1B 2B 4B 5B 7B 11B 17B 18B 19A
 Windsor, A. E., 1A 2A 4B 5B 7B 11B 17B 18B 19A
 Wolfenden, K., 1A 2A 4A 5B 7A 11A 17A 18B 19B
 Wood, P. H., 1A 2B 4B 5B 7B 11B 17B 19B
 Woodward, R. A., 1B 2A 4A 5B 7B 11A 18B 19B
 Wright, E. L., 1B 2B 4A 5B 7A 11A 17A 18B 19A
 Wyly, P. B., 1B 2B 4B 7B 11B 19B



SCHOOL QUARTETTE

Music in the School

CHOIR AND ORCHESTRA

The school choir, as most people know by now, is unique amongst New South Wales State Schools. Its tenor and bass sections make it a "full" choir—such as is seen in no other school.

The choir has had a particularly busy year. It sang for the Play Day and Nights programmes, it has given three broadcast programmes from Station 2GB; it presented a full concert programme on the evening of August 16; it presented the musical programme at the Pleasant Sunday Afternoon at the Lyceum Hall (City) on October 23; it has been asked to give a programme at the Sydney Teachers' College "to show" as Professor Mackie's invitation put it "what can be done in a school"; and is preparing for Speech Day. Two invitations from 2GB have had to be refused, as was an invitation to take part in the Armistice Night combined choir, simply because of lack of time. Two soloists and the quartet have had the distinction of being selected to sing during the K.I.D. session, on Saturday afternoons, from 2GB. Recently Maurice Wells, John Morse, and the quartet (Morse, Goodrich, Turvey and Jones), have sung in these sessions.

Then, at the beginning of the year, we had the sesqui-centenary celebrations, during which a schools' choir of one thousand voices sang special music at the Town Hall, Sydney. A number of second-year members of our choir, who were rehearsing late last year and early this year, took part. All of which has meant a very strenuous year. However, the choir has stood up to it excellently. The "Sydney Morning Herald," in reporting the concert, remarked that its performance was "Extraordinarily Good." It paid us the compliment of regarding the choir's programme, not as a school concert, but exactly as a concert by one of the larger adult choral societies.

During two broadcasts from Station 2GB, Mr. H. F. Treharne, the Supervisor of Music for the New South Wales Education Department, rang the station to compliment the choir on its singing. So altogether the choir has had a very busy and very successful year. This year, we were able to "get off to a flying start," because of the experienced members of last year's choir who were available right at the start. Next year, we will have the cream of this year's juniors available, together with the best of next year's first-year, and any new tenors and basses who will appear in next year's fourth-year. Next year, the choir will feel the loss of such experienced basses as Kennedy and Patton, who have been towers of strength for the last two years. However, with Jones and Wong See left, and the new members to carry on, and with most of the singers of this year's choir available, next year should offer possibilities as great as, if not greater than, this year's choir.

THE ORCHESTRA

This year, the school made a start in forming an orchestra. Whilst the orchestra has not yet reached the standard of the choir, it has started quite promisingly, and is working as a neat combination.

It is not very strong in numbers, but with a dozen violins, flute, trombone, horn, drums and piano, it is a good start. Although next year we lose our flautist (Keats, of fifth year), we gain another in Percival, of first year, who has been learning the flute this year. We lose none of our violinists next year, and we gain at least two who have been learning this year. We will probably also gain some new members from next year's new boys either in the junior or senior school. The orchestra has made a promising start and will soon develop into a combination of which the school may be as proud as it is of its choir.

The school has been presented, by Mr. Beacroft, with a photograph of the choir and orchestra, a reproduction of which appears in this issue. The school is grateful to Mr. Beacroft for the excellent workmanship in the photograph, and for his kindness in presenting, what, in future years, will probably be a historic photo—that of the first choir of its kind. The enlargement is to be seen in the Music Room.

THE CHOIR:

Conductor: Mr. Alan R. Bellhouse

Deputy Conductor: Mr. H. W. Mitchell

Solists: Maurice Wells, John Morse.

First Soprani: C. Barton, I. Cumming, W. Dunn, G. Eagle, E. Falconer, K. Kilgour, L. Knight, M. McCallum, W. O'Dowd, G. Potts, N. L'Green, L. Raftos, A. Stammell, W. Spencer, C. Woolcott, A. Williams.

Second Soprani: D. Armstrong, G. Bradford, J. Brisby, E. Cottam, J. Clayton, R. Clough, H. Holden, L. Hammett, L. Irving, J. Inkpen, L. Lamkin, F. Lancaster, S. Morrison, R. Mitchell, N. MacLaggan, A. McDonald.

Tenors: T. Brookes, J. Ellis, N. Harris, R. Keats, E. McKiernan, L. Sommerville, B. Turvey, B. Brose, F. Rowe, S. Woolfe.

First Contralti: W. Bolt, B. Boaden, W. Blacker, D. Byrne, C. Davies, J. Filbye, G. Fox, R. Goodrich, W. Jenkins, M. Maher, L. Mulcahey, R. Noud, F. Sands, L. Smith, A. Taylor, G. Widmer, A. Yabsley, O. Vincent.

Second Contralti: J. Birse, B. Burke, M. Carpenter, W. Dellow, B. Gosbell, R. Humphries, K. Howland, L. Hazlehurst, K. Hall, A. Kingsland, R. Klempsche, G. Loring, C. Napper, J. Parry, F. Percival, R. Skinner, V. Thompson, G. Tolhurst, E. Townsend.

Basses: A. Alcock, B. Beveridge, H. Bray, H. Benton, W. Broun, J. Gibson, B. Jones, L. Kennedy, D. Patton, D. Rocavert, J. Simons, O. Wong See.

THE ORCHESTRA:

Leader: Mr. H. W. Mitchell

Assistant: R. Keats

Violins: Mr. H. W. Mitchell, J. Brisby, A. Campbell, S. Chirgwin, H. Forst, R. Green, C. Horner, L. Raftos, A. Rileigh, F. Prince.

Flutes: R. Keats, F. Percival.

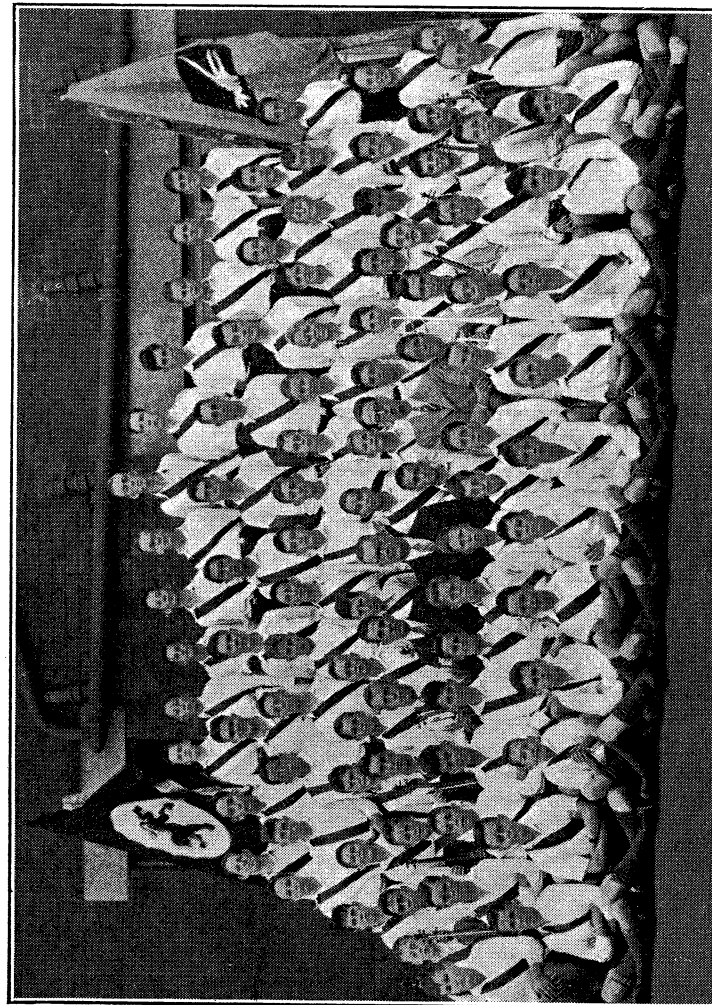
Horn: W. Dellow.

Trombone: C. Stanford.

Piano: N. Harris.

Drums: K. Slater.

Accompanists: N. Harris, E. Mirovitch, J. Morse, R. Keats.



SCHOOL CHOIR AND ORCHESTRA

Centre.—Mr. H. Mitchell (Deputy Conductor); Mr. M. Mackinnon (Headmaster); Maurice Wells (Soloist); Mr. Alan R. Bellhouse (Conductor).

OLD BOYS' PAGE

Patron: Mr. M. Mackinnon, B.A., B.Sc.
 President: Mr. O. Crewes, (M6503—Drum. 1186).
 Vice-Presidents: Messrs. D. J. Austin, B.A.; F. Atkins, F.T.C.;
 L. R. Bradley, B.A.; R. McCurley, Dip. A.P.S.
 Secretary: Mr. W. McQuiggin, B.E. (FX2841).
 Assistant Secretary: Mr. R. Shillcock (M6503).
 Committee: Messrs. T. Bowey (BW2371); A. Brown; B. Buddle, B.E.; W. Collins; J. Cullen; S. Derwent (F2963); H. Divola, B. Arch. (B1686 : FM5562); L. Kennedy; H. J. Rice (BW2715); F. Stewart; H. Weeks (UX7816).
 Auditors: Messrs. T. Brown; S. B. Collins, A.C.A. (Aust.)
 University Rep.: Mr. C. Cullen.
 Technical College Rep.: Mr. J. Lopez (BW3111).
 Teachers' College Rep.: Mr. J. Mumford.
 School Rep.: Mr. R. Cornelson.
 Past Presidents: Messrs. J. A. Williams, T. B. Brown, S. Davis, J. Spence, B. P. Campbell, A. C. Stiles, G. J. McGuire, L. T. Rice, E. V. Hickey, J. H. Stone, W. Cridland.

This body, after lapsing into idleness, was revived some time ago and has enjoyed several years of increasing activity and popularity, providing as it does a meeting ground at various functions for Old Boys of the School.

There are at present approximately four hundred and twenty-five members and we look forward to a material increase in this figure following the release of this year's students.

The Annual subscription is two shillings and we appeal to every boy to join the Union and thereby put himself in a position to keep in touch with the "Old School."

Numerous functions are held from time to time throughout the year in which Members and friends participate, often at a reduced cost of admission. The proceeds of these activities are, when possible, handed to the School.

The Annual Ball, held at the State Ballroom this year, was an outstanding success, while the Annual Dinner is scheduled for the end of this month and also promises to be equally enjoyable.

Sporting activities include Annual Football and Cricket Matches with the School and sundry other fixtures within the Union.

OLD BOYS ATTENDING THE UNIVERSITY

With Old Boys as Undergraduates in every Faculty except Arts and Law, Tech. is well represented at the University. Besides the technically minded who are in Engineering and Science, there are quite a few training for other professions.

It is to be hoped that certain Med. and Dentistry Students do not apply too assiduously their school manual training to dissecting and tooth drawing.

We hear that the Science Undergrads have more diversions from their work than the Engineers.

Our congratulations to the following distinguished Old Boys:—

A. Maccoll, M.Sc., Junior Lecturer in Chemistry.
 A. J. Birch, M.Sc., 1936 Graduated B.Sc. with Hons. Cl. I (Organic Chemistry); 1937 Graduated M.Sc. (Organic Chemistry); 1938 Awarded 1851 Travelling Scholarship.
 D. M. H. Henderson, M.Sc., 1936 Graduated B.Sc. with Hons. Cl. II. (Physics); 1937 Graduated M.Sc. (Physics).
 W. A. McQuiggin, L. Golomb, J. Drever, 1937 Graduated, B.E.
 C. S. Davis, B.Sc., 1937 Graduated B.Sc., Hons. Cl. I (Mathematics); Hons. Cl. I (Physics); 1938 Awarded Science Research Scholarship.

Congratulations also to J. Cullen who secured High Distinction in Chemistry I, Distinction in Physics I and Credit in Botany I last year.

Faculty of Medicine: 2nd year, J. Cullen, R. McGlynn.

Faculty of Science: 1st Year, C. Cullen, H. Hughes; 2nd Year, S. Rosenbaum.

Faculty of Engineering: 1st year, E. Kaar; 2nd Year, A. Bolton, R. Cannon.

Faculty of Dentistry: 2nd Year, J. Gray.

Faculty of Veterinary Science: 3rd Year, A. Banks.

Faculty of Economics: 2nd Year, J. Watson, J. Young.

Faculty of Architecture: 5th Year, A. Grozier; 1st Year, B. Collins.

OLD BOYS v. SCHOOL

The football match against the School this year proved a very successful function. The Old Boys fielded two teams, and despite the presence of a few who seemed to be Australian reps. at least, they were soon begging to be tackled, to regain long lost wind.

The first match was won by the Old Boys by 14-0 and the sec-



ACTION IN THE LINE OUT.
 Tech. v. Sydney High, won by Tech., 16-3.

and rather shakily by 11-6. The School breakaways seemed to enjoy the game, at the expense of the Old Boys' bewildered back-line.

Back at School with a very liberal amount of afternoon tea in the offing, the Old Boys appeared to have regained their wind. When Goffy Gapp had us rolling in our seats with a star imitation of a Cockney, we were prepared to forgive the School teams for dumping us rather hard on many skin-losing occasions.

We look forward to many such days in the future.

FORMER TECH. HIGH FOOTBALLERS

Recently we have heard of the following Old Boys who are continuing their football. There are many others and we should like to hear of them from time to time. Information should be sent to Mr. Mullinger.

Name	Grade at School	At Present With
R. McNaughton	1st Grade	St. George 1st Grade (breakaway)
G. Kerslake	1st Grade	N. Sydney, 1st Grade (Front Row)
R. Moore	1st Grade, 1935	Wests, Reserve Gde. (Front Row)
Len Smith	1st Grade	Easts, 1st Grade (Centre) and N.S.W.
Len Dickie	1st Grade, 1935	Drummoyne, 3rd Grade (centre)
Williams	2nd Grade, 1935	Drum. 1st Gde. Jun. (half)
Clark	1st Grade, 1935	" " (breakaway)
Fitzpatrick	1st Grade, 1935	" " (back)
Henry	3rd Grade, 1935	" " (five-eight)
J. Crawford	1st Grade, 1935	Rural Bank, Mid-week (full-back)
Pegrum	—	St. George, 3rd Grade (back)
G. Black	1st Grade	North Sydney, 3rd Gde. (forward)
A. Goode	1st Grade, 1935	Easts, 4th Grade.
J. Cullen	1st Grade, 1936	University.
G. Gregory	1st Grade, 1935	Gordon, 1st Grade (centre).
W. Harris	2nd Grade, 1935	Rand. 1st Gde. Jun. (breakaway)
J. Brettie	5th Grade, 1935	Rand. 3rd Gde. Jun. (five-eight-captain).
R. McGlynn	1st Grade, 1931	University.
C. Cullen	1st Grade, 1937	University.
A. Grayhurst	1st Grade, 1937	Teachers' College.
B. Coates	1st Grade, 1937	Teachers' College.
McLean	1st Grade, 1931	Western Suburbs (Firsts)
N. Green	4th Grade, 1936	Easts (Thirds)
E. Green	1st Grade, 1936	Easts (Thirds)
G. Reece	4th Grade, 1936	Manly Juniors
B. Thompson	1st Grade, 1933	Randwick (Firsts)
W. Horton	2nd Grade, 1936	North Sydney Juniors.
A. Cawsey	1st Grade, 1937	Mid-Week (Banks)
Peelgrane	2nd Grade, 1937	St. George Juniors.

A TRIP TO NEWCASTLE

The Tamworth Mail slowly steamed from No. 1 Platform at Central, and we boys settled down to enjoy our trip to Newcastle to the fullest extent.

Arriving at Gosford, our first main stop, we disembarked to satisfy our hunger at the refreshment kiosk. Boarding the train



once more, we at length reached Broadmeadow, where we left the train to travel by our special bus to Peter's Ice Cream Factory.

Eager to learn the method of ice cream manufacture, we enjoyed every moment of the tour of inspection. Having visited every department, we then only lacked the giving of our opinions as to the taste of the ice cream. This very important item was attended to, however, and we departed, satisfied and happy, to journey to the Newcastle Church of England Cathedral, wherein, surrounded by the church proper, reposed the historic "Warrior's Chapel." Here we had explained the various beautiful and fitting decorations signifying the different Australian orders which played their part in "The Great War." With regret we left this beautiful shrine of remembrance and, journeying via several prominent Newcastle beaches, we reached a "spot" of great importance. This "spot" was where we partook of our lunch.

At length, our hunger appeased, we once more boarded our bus to set out for the steel works.

The first thing, I am sure, that impressed the entire party, was the general layout of the works—orderly car parks capable of holding thousands of cars, sheds, row upon row, in which were housed thousands of bicycles, everything neat and orderly. This was further reflected inside the works, where all tool positions were marked in shadow.

We first visited the iron foundries, proceeding on to the coal-loading department. Here is employed a huge grab-shovel which lifts tons of coal at a time. From here we visited the huge plant used in generating the gigantic air pressure needed to feed the blast furnaces, in which are melted thousands of tons of iron ore per day.

Next came a very interesting procedure, the manufacture of railway lines. These rails are produced from blocks of metal heated to a white heat and measuring approximately one and a half feet square by 8 feet in depth, which are finally reduced to blocks approximately 40 feet by about 6 inches square. These pass on over a series of revolving rollers to the shaping machine, from which they emerge having their final shape.

Passing on, we visited the moulding sheds, where delicate objects are cast, and hence to the shed where was housed a medley of special steels used in the works.

Alas! being pressed as regards time, we were forced to depart and, after thanking our guide, we travelled to the Newcastle Town Hall, which we inspected.

At length, tired but satisfied, we boarded our train, discussing among ourselves the highlights of a most enjoyable day.

—F. HOWARTH, 4A.

(Following is a letter received by the Headmaster from the Greater Newcastle Tourist and Commercial Intelligence Bureau, which we are proud to publish—ED.).

Box 4112WW, G.P.O., Sydney.
6th October, 1938.

The Principal,
Sydney Technical High School.
Albion Street, Paddington, N.S.W.

Dear Sir:

With reference to your School's Tour to Newcastle.

We are very pleased, indeed, to be able to inform you that the conduct of your pupils was regarded as exemplary by every one with whom the tour brought them in contact.

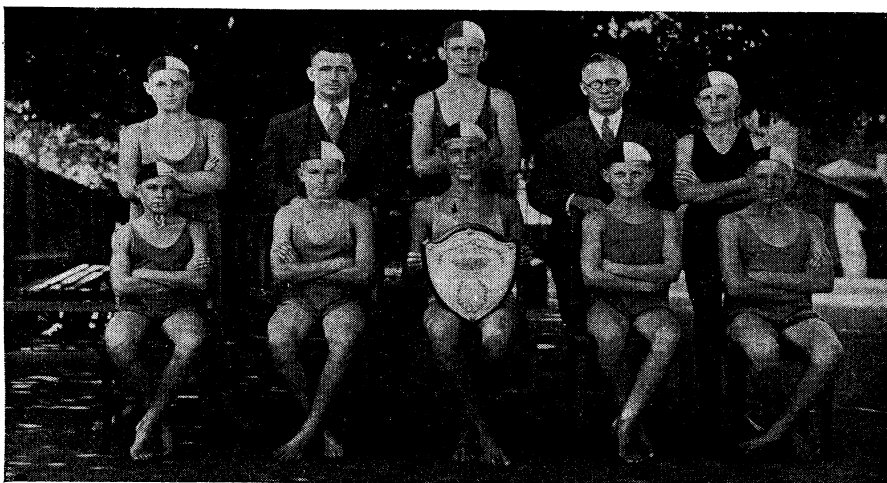
The Newcastle Bureau has informed us that the Civic Authorities, the staff of the Steel Works and citizens generally have spoken in the very highest terms, not only of their deportment but of the evident desire of every boy to make the tour of great educative value, thus fulfilling the purpose for which the tours were inaugurated. It is, indeed, a great pleasure to us to hear that the boys reflected so much credit on the school.

To you and your staff we wish to extend our congratulations on the result of your efforts in thus training your boys. We must thank very particularly the teachers in charge of the boys on tour for their courteous co-operation with us.

Kindly let the boys know how highly their good conduct was appreciated and extend to them our heartfelt wish that they will benefit considerably from the tour.

With every good wish to the school.

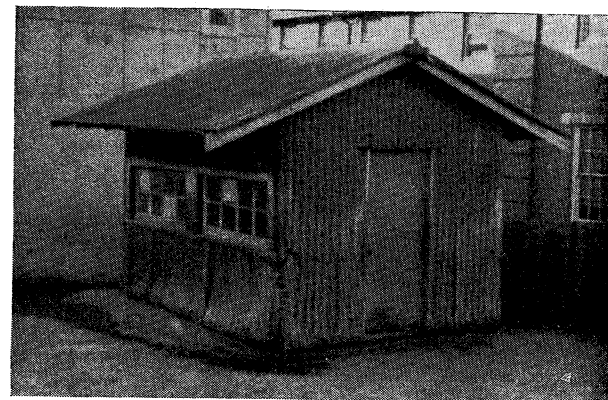
Yours most sincerely,
Fred J. Cahill,
Director.



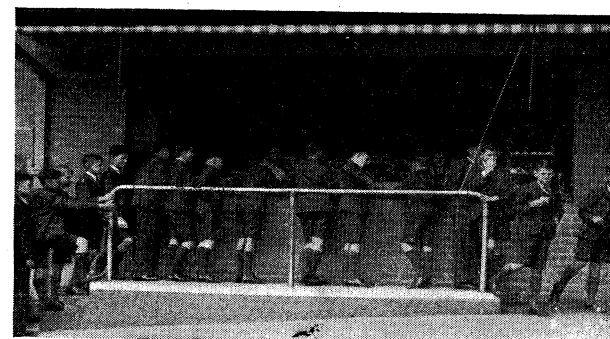
UNDER 14 TEAM — C.H.S. CHAMPIONS, 1938.

Back: L. Morris, Mr. Beatty (Master in Charge), R. Blackwell, Mr. Turner, F. Nilson.

Front: P. Lythall, J. Filbie, D. Drewett, K. Kilgow, E. Piraner.



SCHOOL TUCKSHOP—THE OLD



—AND THE NEW.

THE NEW TUCKSHOP

On returning to School after the May holidays, we received a very pleasant surprise, for there neatly laid out and with a great variety of foodstuffs, was a new and spacious tuckshop, which had been secured by the Parents and Citizens' Association for us in order that we might receive better catering while at school.

The variety and quality of the foodstuffs is above reproach. As yet we have received no complaint although there is a rumour that a certain rather stout member of fourth year is unable to resist the lure of these appetising foodstuffs and as a result is continually over-indulging himself.

However, to be serious, we earnestly advise you all to patronise the tuckshop to the fullest extent, because the school revenue is benefiting considerably under the new arrangement.

Finally, we wish to express our heartiest thanks to the Parents & Citizens' Association for this latest benefit especially, but also for all the other improvements which they have been instrumental in securing for the school.

Original Contributions

THE ESCAPE

It was the twelfth of May, in Sydney. It was in the year eighteen hundred and two. In fact, it was in the time of the Rum Corps.

As it happened, there was a governor as well as the Rum Corps. However, the Rum Corps didn't mind this superfluity, as long as the governor kept out of the way and saw that no one interfered with the rum rations.

The Rum Corps didn't actually govern New South Wales, but it saw that nobody else did.

Sergeant Nayr had tendered his resignation on the eleventh. It was refused.

Commander Draeb refused it.

Sergeant Nayr went to see Commander Draeb, but gained little satisfaction.

It took Draeb three rounds of drinks to refuse the resignation again.

Sergeant Nayr returned to the messrooms and sought liquid consolation. His friends—both of them—asked him if he had succeeded with his remonstrances and his liquor.

Sergeant Nayr stated that "Ol' Draeb was adamant, and every other kind of ant too."

Sergeant Nayr wished to leave the Rum Corps. Sergeant Nayr wished to possess some land and what is more was prepared to become a convict to get it.

If he left the Rum Corps with the rank of Sergeant, he would get nothing, if not less, but if he renounced the ranks of rum as a convict, he would eventually get the convict's grant of land, and occasional help from the Governor. At this time, too, the ranks of rum were singularly rank and rummy. In fact, they resembled the neon signs of to-day, in that they were both volatile and incandescent.

Being in the Rum Corps, it was hard for Nayr to commit a crime grave enough to warrant his exclusion from this odiferous orgy of an army. Therefore, to reach the more desirable status of a convict he decided to desert.

While Phil King was ostensible head of the Government, the Rum Corps acted as the complement in this partnership.

Phil decided that the increasing desertions in the Rum Corps must be stopped. Not, mind you, that he wished to prolong the life of the Rum Corps, but because he simply could not have the inmates of the Rum Corps mixing with his convicts. His convicts! And these low, common soldiers mixing with his respectable felons and criminals. It was inconceivable!

So Phil told the Rum Corps to proclaim that any deserters in future would be formally shot.

For once the Rum Corps agreed with him, and it issued orders for all its members to hear and heed.

Sergeant Nayr did not heed. Sergeant Nayr did not hear. Sergeant Nayr had deserted, and was, in fact, over the hills and far away.

Sergeant Nayr returned to Sydney, and, following the usual custom, gave himself up, and was informed of the new state of affairs.

"Well I'll be hanged," he gasped.

The lieutenant in charge breathed rum at him, hiccupped, breathed more rum, and, shaking his head, pointed to a group of

men cleaning rifles. The lieutenant was beyond speech, but his actions were only too eloquent.

Nayr hastily retreated to his cell and slammed the door, so the lieutenant meandered off to find someone who appreciated the odour of departed spirits.

Nayr's desires were most inconsistent. He had escaped, given himself up, and now he wished to escape again.

"They won't keep me here for long," muttered Nayr in an anguish of mental torture.

"S'right," agreed the sentry, polishing his rifle with great gusto, and breathing rum on it from time to time to increase the lustre of the weapon. If rum rendered the lieutenant incandescent, it must necessarily polish a mere rifle.

Nayr declined the support of two soldiers, and, tying the bandage around his eyes, stood against the wall unsupported, a feat which seemed to surprise the marksmen.

There was a slight delay while the lieutenant borrowed a rum bottle to replace his sword, which he had mislaid.

Then all was ready, except the marksmen. Some of these latter found that if they lay on the ground, they would rise and fall in unison with the Earth's fluctuations, and so their aim was not appreciably impaired.

"Ready," said the lieutenant.

A ragged volley broke out, and Sergeant Nayr dropped to the ground.

"Take aim—fire!" said the lieutenant in a querulous voice, as he lost stable equilibrium, consciousness, and rum bottle simultaneously.

Sergeant Nayr had escaped.

Sergeant Nayr would soon possess some land.

Sergeant Nayr was now a departed spirit.

A PARODY.

The bell-boy tolls the knell of morning school,
The rumbling classes clatter down the stairs,
The raised shutter shows the drinks so cool,
And prefects stay the bustling with their glares.

Now stand the seniors on their lunch intent,
And all the air a solemn stillness keeps,
Save at the shop where money soon is spent,
And from the ovens taunting odour seeps.

By yon stout fence that overlooks the lane,
The fourth-year boys now seek the rest they need.
But oh! that they should suffer mental pain,
For, close by, running juniors boast their speed.

Oh shame! that youngsters overrun the quad,
Where bounds they scoff and disrespect breeds strong.
Oh shame! that thoughtless prefects merely nod
And chatter in a path-obstructing throng.

The Joke.

"Each boy must use his own playground alone.
Get out that boy—we soon will deal with him—
And quad lists shall the names of those have shown
Who run about and 'danger lad or limb."

—"WALT," 4A

" CHINOOK "

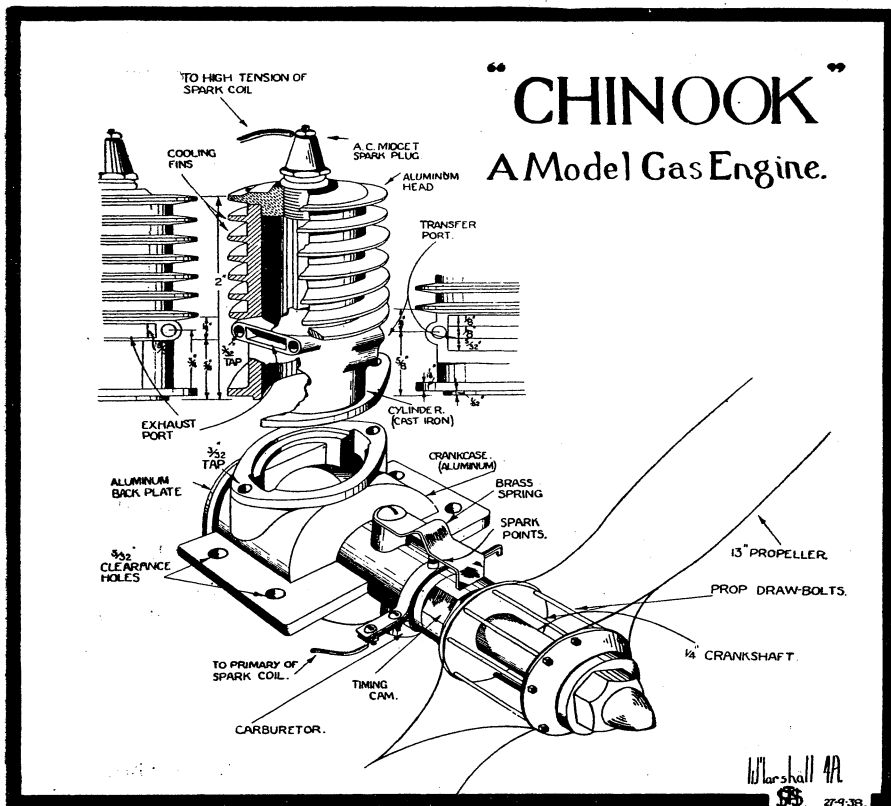
By G. MARSHALL, 4A.

This model aeroplane engine is of American design, and appeared in "Modern Mechanix," a magazine from that country, several years ago.

It is to be seen in the model aeroplane shops, with slight modifications, under the title of "The Baby Cyclone."

I have it under construction in my own workshop, and although I would like to detail its construction, space is too precious, and I therefore will only touch its features and describe its important components.

The engine's name was derived from the hot winds which sweep across America in the summer; and no doubt it merits that name, for, while only weighing twelve ounces and employing a three-



quarter-inch stroke, it spins a 13-inch propeller at a speed upwards of 5,000 revolutions per minute. It is quite capable of powering a 4-foot wing-span model, or a 30-inch motor boat.

The engine is governed by the "two-cycle" principle: On the upward stroke, the piston draws a gasoline mixture through the hollow crankshaft into the crankcase, there to wait until the next cycle. Meanwhile the explosive gas from the previous stroke is being compressed, as the piston goes up, finally to be ignited at the top of the stroke by a spark from the spark plug. The piston is then forced down, opening valves which, on one hand, let the burnt gas escape, and on the other allow the fore-mentioned mixture into the exploding chamber. Thence it is compressed and the cycle continues.

While there may be many objections to this principle, as being inefficient in regard to consumption and cylinder lubrication, it cannot be bettered in model engine use. This is so, because it is not encumbered by valves, springs, and tappets, which in a model that only stands about three inches high, would be so minute and complicated that they would be definitely inefficient. Another feature is that it develops comparatively smooth torque to that of a "four cycle" engine, as it has twice as many explosions per revolution as that latter type.

The carburettor is set low in the engine to help in the easy-flowing capacity of it, and is simplicity itself, a needle-valve being the only vaporising agent. A screw control makes the richness of the mixture easily adjusted, and ensures economic running at all times.

Probably the most important component is the crankcase, which, as in all "two cycle" engines, must be perfectly compression-tight.

Although it could be, with a few alterations, milled from a solid, this being slightly too complicated for us, the obvious way would be to make a pattern and have it cast in aluminium alloy. The pattern, of course, would be of the "split" variety, no core being allowed for, as the job is small enough to bore out afterwards. Shrink rule may be neglected also, because of its diminutive nature.

For simplicity, the engine has fixed timing, this factor being accomplished by a brass spring in conjunction with a cam on the crankshaft. When the spring drops on to this cam, two platinum points touch, completing a circuit, causing a magnetic field in the transformer, which when broken generates a spark at the points of the spark plug.

The spark coil is easily constructed from a model T Ford spark coil, by greatly reducing its size and winding a new primary. The coil is powered by a 4-volt torch battery.

The cylinder is an iron casting and is ground with a valve-grinding compound until the walls have a mirror-like finish. The piston is similarly ground until it will just slide down the cylinder when the head is open.

While constructing the crankshaft I improved the design by using draw-bolts to hold the propeller in position. For when one realises that that propeller twirls in the vicinity of 5,000 r.p.m., mere one-eighth-inch retention spikes would not be strong enough; besides, draw-bolts give a touch of reality to the engine, for all full-size engines employ them.

Thus it can be seen that, although one has to surmount many difficulties in the construction of this model, if they possess a little patience and initiative, and can skilfully handle a lathe and drill press, they should not have much trouble in constructing this useful little engine.

G. MARSHALL, 4A.

THE POWER OF THE POWDER

Dudley Hoys sat in his gloomy study meditating. A retired scientist, he had left that amazing world with little credit. His fellow scientists had scorned and scoffed at his many fantastic theories and experiments. Thus with little happiness left, he lived only for his private laboratory and proud memories of his soldier son.

In the day he worked feverishly in his beloved laboratory. Surrounded by chemicals and apparatus he conducted and planned many weird experiments. At night he sat in the shadow of his study meditating, sometimes happily, sometimes sadly, over his affectionate memories of his digger son, killed in the services of his King in glorious action.

Again and again, had Terry Elliot, his son's bosom friend, related to the old man the tale of that portentous hour when he, the old man's son and four others had held the enemy at bay, whilst their retreating army had reached safety. One by one their numbers were diminished until only his son and Terry remained. Then and only when completely surrounded and fatally wounded, did he abandon his machine gun and die a hero in Terry's arms.

Terry, a prisoner of war, was released after the Armistice and was the only survivor of that heroic band.

As his son had distinguished himself, he, Dudley Hoys, dreamed of distinguishing himself. He had laboured secretly for years upon one of his so called "fantastic ideas." His object was a certain compound, which when administered to a human would compel him to reveal his innermost secrets.

Experiment after experiment had resulted in failure. Now, however, he was sure he had combined a successful compound. All that was required was the powder's crucial test.

One night the old man poured portion of the powder into the tea of his unsuspecting guest, Terry Elliott. Immediately the drug began to take effect and within a few minutes the victim sank back into an uneasy sleep.

Excitedly the old man held his breath as Terry began to mumble.

"Oh God! I could never tell him what a coward his son was; how he cringed behind my back screaming in terror as they charged; how he stopped that bullet in his back as he fled, like some mad terror-stricken beast."

With a dazed look the old man stumbled to his feet, flung the precious powder and its formula into the fire, and with a dreadful sob sank to the floor.

—R. CORNELSON, 5A.

MANNERS MAKYTH MAN.

"Manners Makyth Man," albeit a very high-sounding phrase, is almost entirely beyond the ken of the average schoolboy. Apart from that, it applies to "Manners" alone, and manners alone never did, or never will, make a man, or a portion thereof.

Pursuing the truth farther—from the bizarre to the ridiculous—think of the Australian bushrangers, the later ones. Their fore-runners were low, common convicts, but they soon developed a polish—a knack of cutting ladies' throats with a flourish that endeared them to the hearts of the public who had no money to lose. Their petty gallantries—the bows and smiles with which they conducted the menfolk out of earshot before shooting them—caused many a maidenly heart to flutter.

Yet, when some of these gallants were cornered—Captain Moonlight, Benjamin Hall and Co.—they displayed a singular lack of intestinal fortitude which never appeared in the Kelly Gang, who were, you remember, given an extremely warm send-off.

"Play the Game" would, perhaps, be a better motto than our present one. "Play the Game" means fairness at all times—doing the correct thing all the time—playing the game of Life, whereas "Manners Makyth Man" merely suggests slavish obeisance to social conventions.

Still pursuing the truth—somewhat closer now—imagine (if you can) an athlete, winning a relay for his house, club, or school, politely bidding his opponent go first—take the next corner unhindered: or, perhaps, picking up the baton which his opponent dropped. For the life of me, I can't imagine a polite "Don't argue," even if the "ref." isn't entirely blind. With "Play the Game" as his motto, the said athlete would win his race, if possible, yet he would neither bid his opponent go first, nor shoulder him out of the way. This would also mean relinquishing his seat in trams and 'buses to ladies—even old ones.

In short, in this narrow-minded world, a single-track motto is out of place. It is as obsolete as the old bushrangers—to whom we may leave the petty gallantries—and, if possible, even more ridiculous and old-fashioned.

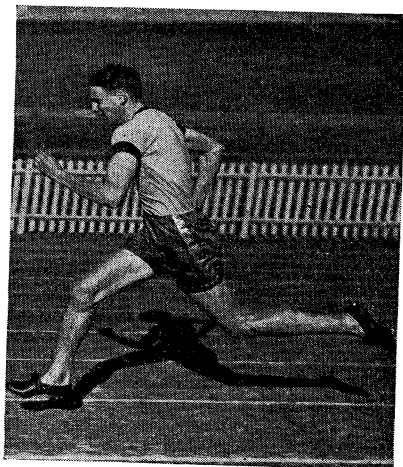
This radical incapacity in our most ancient and more revered motto is advertised by the fact that all—including teachers may read it. It isn't even written in Latin—and would not a dead motto be more appropriately in a dead language?

—2A.



EYES ON THE BALL

Another action picture of the match Tech. v. Sydney High.



Senior Athletic Champion, 1938
C. BOORMAN,

THE BEAUTY OF CAMPING.

To the west the sun a-setting
In a red and orange sky,
A long white road a-twisting
And a curlew's lonely cry;

A sweet cool breeze a-blowing,
Pine scented o'er the heath;
Above, the gathering darkness,
And heather bells beneath;

And east against the skyline,
Of star-sprinkled azure blue,
The shadows of the lebanon,
And sturdy thick-set yew;

A fire of scented pinewood,
Wafting a finger high,
Of transparent fairy whiteness,
Gently to the sky;

Here in the evening coolness,
With couch the soft green sod;
I live, asleep or waking,
In fellowship with God.

—B. GROSE. 20

A RUINED HOUSE.

Few experiences stir the human mind with such mixed emotions as the sight of the ruins of a familiar house. We feel the charm of its romantic past, strive with it through the vicissitudes of fortune and sympathise with it as it falls into decay to remain but a memory. 'Tis the symbol of existence, Birth—Life—Death.

There arises before us a vision of the past. As we gaze upon the time-battered structure, the picture of its youth appears, stately wooden columns, hewn from the forest's noblest sons, standing like sentinels to the finest and newest building in the countryside. Mirror-like cedar panels catch up reflections and cast our gaze immediately into the ballroom, already resplendent with the glow of youth and beauty.

Through the open casement the sweet scent of luxuriant blooms, nature's offering to youth's carnival, pervades the atmosphere, as filmy curtains lift their folds in the evening breeze. Tinted lanterns cast their mellow light across the gravelled path, and ripples of innocent laughter, mingled with the gentle whispering of the leaves, float softly to our ears. A bubbling column of jewelled water from the garden fountain, casts its playful shadow across the chequered path.

Many years have slipped quickly by, as we once more stand before those two sentinels of the past, but one has lost its uprightness, and across the face of the other a deep crack reveals the ravages of time. Those once shiny panels, now marred by numerous scratches, have long since lost their mirror-like surface. The desolate ballroom is still and quiet, stripped of all its gay attire. The dull rays of a low oil lamp scarcely allow us to see a slimy pond surrounded by a jungle of tall weeds, where once the waters of the fountain splashed a most magnificent garden.

And now these visions and old-time memories have faded, and the harshness of reality causes a warm tear or two to moisten our eyes, as we for the last time gaze at a few mounds protruding from a vine-covered mound. Here and there a young sapling has shot up, in future time to guard the one-time proud mansion's grave. The garden and pond have long ago been covered with bushy growth. No longer do we hear the joyous cries of the youthful fun-makers, but in its stead a silence prevails, creating an inexpressible feeling of pathos within those present.

—R. BRABY, 4A.

AN ODE TO WINTER.

The days are short and passing cold,
The nights are passing drear,
Also a tale I could unfold
Of chilblains on my ear.
The tempers of our chaps are not
What erst they used to be
And almost everybody's got
A cough, the same as me.

O, come again, sweet summertide,
When birds will tune their notes,
And fellows won't feel chill inside
The thickest overcoats.
Winter, what tortures you devise,
With which our souls to squash!
You make it passing hard to rise
And harder still to wash.

—D. SANDERS, 4A.

HURRICANE.

The hurricane's here with a shriek and a wail;
The merciless waves, they lash and they flail;
Over the leaping roaring reef
They curl and smash in spray;
Under a torn and flying sky
The pine trees bend and sway.

The hurricane's here with a shriek and a wail
Not sparing a home, a tree or a sail,
Lashing the sea with a fury untamed,
Lifting the spume with a rage inflamed;
For the heavens have opened, the elements fight,
Hurling the hail in a cascade of light,
For what can man do, for wrong or for right
When the hurricane's here in all its might?
—T. J. BROOKS. 4A.

SEA MEMORIES.

I stand upon the heights and gaze away
To where the blue of sky and ocean meet,
My brow caressed by drifting downy spray;
The world behind me in my lone retreat.

And as I gaze, the weary weight of years
Slips from me, and my spirit wanders free,
Quickened by my youthful hopes and fears,
Responding to the challenge of the sea.

Again I sail o'er smiling tropic seas,
Lulled by the gentle motion of the swell;
Again I hearken to the freshening breeze,
The lure of ocean holds me in its spell.

The shades of night droop from the darkening sky,
Before the pall my pristine vision fades;
A chilling gust sweeps past me with a sigh,
So I must needs turn homewards through the shades.

D. FIFER, 5A.

RELISHED RECIPES.

(Despite the good service supplied by the new tuck-shop, it has not escaped the satire of a fourth-year wit—Editor.)

The new tuck-shop has afforded great delight for junior and senior alike, but several indegestibles have attracted an excess of interest.

Even with my meagre allowance, I have been able to enjoy these delicacies myself and after extensive unsuccessful analysing of their construction, I consulted the divinities behind the counter.

As usual, they were in right merry humour, and supplied to me these hitherto secret recipes.

1. Golden Puffs (with cream).

Select a pinch of white flour and to it add water to form a paste. (In the event of a water shortage, it is more economical to use potato juice.)

Slowly pour the dough into a large basin and whisk into it (with a puff whisk) perhaps two or three grains of yeast. Spread the mixture over two breakfast cupfuls of air and anchor in an oven. Thus fry the puff for possibly one or two or perhaps three seconds.

By this time the puff will present a rich burnt shirt-collar hue and must be instantly removed. Turn the result into a greased dish and prevent it from pushing a hole in the ceiling by placing on it any creamy substance such as chalk dust and strained dew juice. Dust with flour and serve hot or cold.

2. Cornish Pasties.

Fill the hot pastie skins with hot pastie filling and serve before they explode, with tomato sauce.

3. Rissoles.

Peel the oles and extract the cores.

Stuff with riss (rag, iron, soap and strychnine) and boil in the oil of the oofs of two onks for any length of time.

Remove from oil (with the rissole removers) and after pouring into moulds, trim with scissors.

4. Sausage Rolls.

The pastry shells can be filched from any good cement company; therefore I will pass on to the filling.

Extract the juice from one thousand raisin seeds. Pour the juice into a large frying pan and bake. Add half a pound of carrot skin, a grape, two egg shells and one pinch of mince meat. Simmer for a few days, then remove from fire and carefully add (stirring continuously) the odour of a fried sausage.

N.B.—a sausage can be kept in the kitchen on any convenient hook and if occasionally scrubbed, will serve to impart appetising odours to your dishes for years.

5. Soup.

Shave and mash the tail of a dead ca— "anyway, what business is it of yours? Next please—no, the pasties are sold out."

—"WALT," 4A.

A SPRING DAY.

Birds are twittering in the trees
As their nests they start to make.
Softly blows the gentle breeze
O'er the field and o'er the lake.

Flowers are nodding at its touch
With their gay new gowns adorned.
Spring is here they love so much;
Winter's slipped away unmourned.

Children running 'mongst the grasses,
Laughing all dull cares away;
Sunshine playing as it passes;
"Spring is here," it seems to say.

Sunshine, flowers and gentle breezes,
All the games we love the best;
Then again old Jack Frost freezes,
And the Summer goes to rest.

—N. ANTONIO, 2C.

THEY DO THEIR BIT

The heavy truck rumbled slowly through the curtain of night which had settled upon the war-stricken area of Shanghai. Its headlights were switched off as the zooming of an aeroplane was heard from above. The vehicle swayed on towards the Red Cross station, where it was to pick up injured and wounded soldiers.

Szu, standing on the footboard, clung on to the door with his elbow stuck through the open window. The mud flying off the front wheel spattered upon his legs, the khaki gaiters around his calves felt tight and uncomfortable. Philosophically he pulled his broad-rimmed hat down upon his head and stared stubbornly into the darkness. Thunder after thunder shook the atmosphere as the long-range guns at the front spat at the enemy.

Two months ago, son of a wealthy merchant, he had lived and studied at a fashionable modern school. He was a member of the basketball team and was fairly good at athletics. In the school scout troop he was an enthusiastic competitor in all games.

And then came the call of mobilisation. Together with the whole 6th Troop he was transported to scout headquarters in camouflaged trucks, and their patrols were assigned to various sectors of the front to do active service.

Elatedly and with a singing heart Szu marched in the general inspection parade. The bronze notes of the bugles found a warm welcome in his heart and the magnificence of the Association banner playing with the breeze made him lift his chest with pride.

Then the picture of the parade ground was clouded by the two weeks on duty in the refugee camps, keeping old men up to their tasks and helping women in their care for the children, distributing the meagre fare prepared in the camp kitchen, and urging the sick to report to the camp doctor for treatment. After that he was given two weeks' leave and spent it in the spacious garden of his father's house, situated in the International Settlement, which his gracious parent had opened for the use of refugees. Szu had then supervised in the building of the straw houses and the placement of camp kitchens and in the persuasion of his father to purchase stores of rice for the homeless he had played the biggest role.

And now it was a month since headquarters had assigned him to a red-cross truck. The training he had received at troop meetings served him well. Many were the times when, as now, the truck had swayed through the darkness, no headlights burning, when summoned to some frontal sector where, during the day, a battle had taken place. And on the way back, groaning, miserable soldiers had to be attended, comforted and inspired with hope. Often many died on the way, with the names of their dearest upon their lips, and Szu, his big heart bleeding in pity, listened to them sympathetically and soothed their last hour.

To-day a major engagement had taken place, and a great number of wounded had to be taken to more permanent emergency hospitals, to be nursed back to health. So once again "Truck 42" was bound for the trenches.

Slowly progressing along the country roads, the truck had finally reached the camouflaged tent, through which the burning oil-lamp could be distinguished. The big red-cross flag flapped in the breeze; groans were issuing from inside and outside the tent, the less seriously hurt patients having been berthed outside owing to lack of space.

"To-night is a bad night; they have got 150 of our men, you have to try and take the majority now; they all need good care," the

military doctor told him. With the help of the nurses and the chauffeur, Szu carried most of the patients into the covered truck.

To-night was Szu's off-night, and he did not have to go back with the truck. On the way back he was to be dropped at the scout meeting point, situated at the base, and another boy was to take his place.

He ran up the stairs of the house, which in peace-time must have belonged to some rich foreigner. In the dining room he saw many of his friends grouped around the radio.

"Hi-ya fellows! hey Lee, the truck's waiting—you better hurry. You, cook, get me some chow." The boys greeted him joyfully and Lee hurried away to the truck, and as soon as he boarded it, it roared away into the darkness.

After the nice hot food, Szu went into the common-room, where many of the chaps were playing ping-pong and the rest told of the doings of the day.

Sitting in a comfortable leather armchair, he began taking off his gaiters, and, freed of them, he joined in the row as to who was next at the ping-pong tables. As the noise grew, the scoutmaster came into the room and immediately the right next man was allowed to continue with his game.

"Boys! I want fifteen of you to go down to the red-cross station with the stretchers and take along as many wounded as you can into the room below. The rest of you stay here, and arrange everything as comfortable as possible. I'll go along with you to the station . . . You, Szu, take charge here—and hurry. I'll meet the rest of you downstairs in five minutes. Run to it. . . ."

Leaving the game, the scouts ran to put on their jackets, don their first-aid equipment and take the stretchers. Under Szu, the younger fellows went hunting around for blankets, pillows, sheets and straw. Carefully they arranged everything for the comfort of the wounded soldiers. From outside, through the open windows, they heard crackling of machine-guns and the booming of the artillery. The darkness announced the arrival of planes with a steady droning. The successive reports of the "archies" signalled pursuit.

Just as the boys had given the improvised hospital the finishing touches by putting bottles of water near the beds, the rest of the party returned. On stretchers they had brought many victims, but most had hobbled along on their own, with an injured arm or a shot leg. Occasionally they leaned upon the strong young shoulders for support. Nurses from the hospital had also come to look after the more serious cases.

The zooming of the planes increased, loud reports came from the trenches, followed by a shower of earth and the tinkling of broken glass as the window-panes in the whole house were shattered by the explosion. A hush descended upon all. A rush for the lamps followed and, as electricity had long ago been cut off, the oil-lanterns were quickly turned down. Another explosion shattered the air, and the door, which gave under the pressure, banged against the wall. The badly wounded whimpered and looked around helplessly in terror. This last bomb was considerably nearer, and as three more followed it was obvious that the airmen, espying their light, probably the only one burning, were using it as a target, the results being more successful every time.

On realizing this the S.M. and the boys assisted the wounded or carried them out of the building and took them a few hundred yards away from the building, returning for more patients as soon as the first party was safe. The nurses had rushed to where these were and

helped them to continue their fight. Meanwhile the aeroplane continued to drop bombs, evidently thinking that their target was a place of importance. As yet they had made no direct hits on the building and the rush of the wounded for safety promised to eliminate any casualties among the attacked. A bomb had just burst a score of yards away and the remaining wounded, hitherto behaving well, were terrorised and scrambled for the door. The scouts, seeing the mad rush, helped as well as they could to clear the doorway, and as the whole crowd gained the open air they ran for safety.

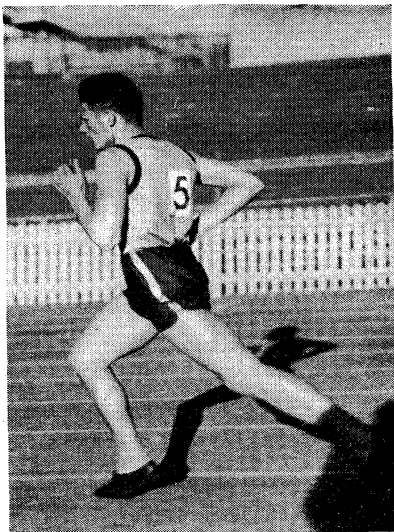
Szu, who was last to leave the building, heard a piteous wail from within, and returning, saw a mutilated soldier wriggling along the floor to the door. Only to-day he had both his legs blown off by a hand-grenade, and was forgotten in the excitement. Szu heaved him on his shoulder and was about to get into the open when with a deafening roar a bomb tore into the centre of the building and showered bricks upon the two refugees.

As the sun rose next day it was discovered that Szu and one patient were missing. . . . No traces of them were found in the ruins. . . . The bomb did its work too thoroughly. . . . By some miracle an out-of-shape broad-rimmed hat was found to have survived the explosion, and on examination it was found to belong to Scout Szu.

. . . . It was put upon a grave, a mute relic for many more like him who had given their life in helping others and in service for their country.

—G. RADIONOFF, 4C.

[The writer lived in Shanghai during the early stages of the Sino-Japanese war and has drawn on his actual experiences in this contribution.—Ed.]



L. COHEN

Winner of Crofts-Stephens Cup, 1938.

MANNERS MAKYTH MAN.

He does not push or crowd along,
His voice is gently pitched;
He does not fling his books about
As if he were bewitched.

He stands aside to let you pass;
He always shuts the door.
He runs on errands willingly,
To forge or mill or store.

He thinks of you before himself;
He serves you if he can.
For in whatever company
The manners makyth man.

At ten or forty 'tis the same;
His manners tell the tale.
And I discern the gentleman
By signs that never fail.

—E. SINCLAIR, 4A.

TECH'S TUCKSHOP.

The tuckshop of Technical High School,
Was said to be too bad for boys,
To buy all their lunches and ice-blocks;
So the council kicked up quite a noise.

The boys were all filled with amazement,
For, when they came back the next term,
The new tuckshop was neat and attractive—
Not a sign of a cockroach or worm.

It had coffee and ice-creams and pasties,
And food to delight hungry boys,
Who'd crowd round the rail and the counter,
And yell out and make a great noise.

The tuckshop is quite a success, now,
But there's only one trouble, you see:
The food is quite tempting and tasty,
But alas and alack it's not free!

—D. G. BOODLE, 4A.

THE OUTSIDER.

There he stands, quiet and motionless, close beside his only friend. What a picture of misery and poverty he presents to those who look upon him and how little notice anyone takes of him, except perhaps for a few birds which may hurriedly fly from his presence.

His face I cannot see, but one quick glance at his tattered clothes is sufficient to tell me that his home is where he stands. He is forced to spend his entire life out in the open, with the sky as his roof and a mulberry tree as his friend. It is from this tree that he may find a little shade from the boiling sun or a little shelter from the pouring rain, but more often than not he has to weather both.

A thinner figure I have never seen. He cannot be more than five feet high, but his thin figure and baggy clothes, which are many times too large for his size, seem to add to his scanty height. He wears an old straw hat, yellow and perished, which comes well down over his face, hiding his miserable features. His shirt has long outlived its use, as he perhaps himself has done, for very seldom does he work. Money has never caressed his moth-eaten pockets. He is satisfied to live as he has done from as far back as I can remember him. How limply his patchy clothes hang about his shoulders, which, strange as it may sound, have a martial atmosphere about them, for they are squarely set and hold his frail body erect.

It is about his bony shoulders that hangs his ragged yet impressive coat. It has long been faded from its original colour, and now appears to be a mouldish grey, but I can see from where a pocket has been recently torn, leaving an unfaded patch, that that old grey coat was once quite a smart blue one. It is now but patches to keep out the wind. His arms hang loosely by his side, and most remarkable is the fact that when one looks towards the cuff of his coat, his hands cannot be seen, poor fellow! for he has none. Two bright blue buttons draw the coat around his frail thin body. His pants are not as old as one may expect. They are not yet faded and are dark brown in colour, offering a contrast to his previously sionable coat. It has long been faded from its original colour, and the pants, which unstylishly and limply hang about his stick-like legs till they untidily touch the ground, completely covering his feet and boots.

What a peculiar character he is, standing there perfectly still, till a gust of wind comes along, when he will sway forward under its breeze; but always he will resume his same accustomed position.

His friend the mulberry tree presents another picture to our minds. Its young limbs have recently sent out young tender leaves, and when one looks closely he may see that thousands of not-yet-ripe mulberries adorn its limbs. Its limbs are not yet thick, and like the person beside it, it sways unto the wind. It is surely a glorious little tree and bears forth fruit in abundance, and so it ought to, for close beside it stands its friend the scarecrow, to frighten away the sparrows who dare to eat its fruit.

KEITH, WILSON, 4A.

PRETTY POLLY.

The third was lying on his back—inclined to the Vertical Plane at an angle of 90 degrees. His first two legs were stuck together in a sort of hoop, while the other four were occupied describing the imitation of a well-platted pigtail. Even now and then he would free the first two, only to find that they were manacled by a thin thread of the beautiful sticky mess. He would thereupon give a clumsy imitation of a pawnbroker, or Uriah Heep, in an attempt to free himself; immediately they touched he was again in bondage.

The parrot distracted my attention at this juncture, by perching upon my shoulder, and consuming, one by one, the more loosely-stuck flies. I don't know how it happened—perhaps a fly was too firmly stuck, perhaps a fly lashed out in righteous but misguided anger—but the fact remains that the parrot (may she roast in peace) starting from the vicinity of my left shoulder, flew several times round my head, each time enwrapping more and more of the fly-encrusted paper around my visage, the said fly-paper being in

manner miraculous stuck to her tail.

Upon freeing herself, in this most scientific manner, of her encumbrance, she forthwith flew to the high wardrobe, emitting loud protests the while. The protests may have been due to the fact that several of her aged feathers had come off in my hand.

I could not coax her down, poor bird. It may have been the smell of my pipe, which, owing to my haste, I still had in my left hand—my mouth was occupied by a large carving-knife, which I had thoughtlessly placed there.

Finally I procured a ladder and, reaching the high wardrobe and Polly, I obtained, after Polly's own manner, a scientific grip on the spot where the nape of her skinny neck should have been.

Alas! In getting down, my fingers slipped, and some five minutes later, I discovered, to my great sorrow, that poor, dear Polly's neck had lamentably, but distinctly and unmistakably, been wrung.

N. KELAHER, 2A.

THE SEASONS.

Slowly the hard, cold days of winter pass,
And spring, with her garlands of beauty,
Her shades of red, and the cool green grass
Comes. And with a soft, light breeze
As a herald, enters.
And in her train comes all old Nature's goodness,
Sweet, cool rains that grant to all
A ripening freshness;
Soft coloured flowers, whose radiant beauty,
Once seen, is loved by all.
But stop! Who follows her?
'Tis summer, whose hot, searing winds
Parch the cool fragrance of spring.
Long, scorching days which undo spring's sweet work;
Short sweltering nights, which end
As the fiery, golden orb raises his
Blazing form above the ocean's rim.
But summer passes quickly, and in her place comes autumn,
With her glowing hues,
And all the world is wrapped
In a glowing red.
And the earth is peaceful.
But slow the soft, rosy shades of autumn pass,
And with a breath of bleakness,
Like some towering iceberg,
Hard and relentless, giving way to none,
And feared by all,
So winter comes with its ice and snow.
Bleak breaks the dawn of every day,
Cold and dreary. Icy winds, that blow
From pole to pole,
Cut through the flesh and chill us to the bone.
Slowly pass the short, bitter days,
And spring again shows her garlands of peace and beauty
And all the loveliness of Nature blossoms forth,
All the earth rejoices, and is glad.

P. BROUGHAM WYLY, 4C.

"On Having the 'Flu'"

or, "A SICK MAN'S DREAM."

(With Apologies to Hooper.)

For a week I have been dead to the world in general; growing thin and waxing pale on a mixed diet of doctor's visits, sympathetic looks and disguised dog biscuits. For a week my head has felt like a bomb fit to burst, my temper like an erupting volcano, and my voice below zero—I had the 'flu.

At first I thought I had a cold. It is really very difficult to differentiate between a common cold and that dreaded enemy of man; the germ of influenza in its incipient stages, which together with all those other bacilli make the rent so high in Macquarie Street. But I decided to keep my troubles to myself. Nobody should know that beneath my smiling exterior I felt I had entered the silent valley of death.

Soon my bed chamber was emptying and filling with gliding relatives, sympathetic acquaintances and floating aromas, but to each inquiring murmur I would turn a deaf ear, a dumb beseeching look and a red nose, and before you could say "sneeze!" those lucky enough to be in the near vicinity would be blessed by a prolific shower.

But more awful than the terrible 'flu are they who insist on comparing symptoms of previous 'flus while you just can't stop coughing and blowing the handkerchief to atoms. Some really reliable remedy should be found for these troublesome colds and 'flu. Perhaps when I have fully recuperated I might publish a book on various recognised cures that have been suggested to me, and this will no doubt be recommended by medical authorities as a book of value because I have tried them out. Some of those missed below really ought to work because they are nasty enough and painful enough.

Drink small quantities of saltwater. If you live near the sea, sea water will do admirably, but be sure first of all to take out all the seaweed, otherwise you will find this ingesting rather——? It's a rotten pun, anyhow.

Take a cold shower to hasten the climax. If you're still alive next morning, have another one. That should fix you.

Indulge in a hot mustard bath. N.B.—Hot; this is a point of honour. I found that drinking the bath water didn't agree with me: the net result being a bilious attack, a sore throat and a rubicund nose. But with you, who nose?

A useful remedy which is not so popular nowadays as it should be is the taking of gin with sugar, lemon and water. On any account don't forget the sugar, lemon and water.

If you are lacking in vitality you will notice a remarkable improvement in your strength by taking gorgonzola cheese and raw onions in the right proportions.

If you sincerely and faithfully carry out these suggestions, I say in all seriousness that you should find but little difficulty in deciding whether you have the 'flu or a cold.

How often have I lain in bed, weeping at the thought of what I suffer. Soul racking groans escape my sobbing breast when I meditate how unjust and inconsiderate the gods are to cut me off in the flower of youth, to deprive me of my dearest possessions. I cling to life for sentimental reasons; it is a gift I received from my parents, and I prize it dearly. Yea!



Hours have I spent in true penitence over the indiscretions of my youthful days before I have broached the serious speculation whether daisies harmonise with a marble epitaph.

If there's one thing I dislike more than being sick, it's convalescing. How disillusioned you find yourself when the dear old ladies soothingly say that they know you only had a passing cold/'flu (strike out the word that does not apply). Anyhow, she has no tact whatsoever. Can't she see that I have to get rid of the crumb under my back! Oh gosh!

Then there's my voice. I never was blest with a voice like Melba's, but now I've developed a thundering basso profundo, which easily beats Popeye's, and is quite two octaves lower than the Town Hall organ.

My stable-mate called in yesterday afternoon and told me that they are going to have a maths. test to-morrow. At the time I held my peace. You know, I'm not really sick; it's just that it has become a habit to me to put my handkerchief to my nasal organ, close my eyes, open my mouth and wait in anxious expectation for what is destined to happen. I wonder what Adam did when he wanted to sneeze? Oh, hang these infernal blankets. It's as hot as —— as hot as the tuck-shop soup when the bell has gone beneath them, yet my feet feel as if under zero.

"Cold feet, eh? Well listen: it is still better than being at school. Think of the poor lads in 5A having a mathematics test. Think of the fearful glances at the next chap's papers you miss. Think of that! Think of Mr. B——y! Can you beat bed for a holiday? I ask you!"

—A. NUBERG, 5A.

ACTION

He casts a furtive glance around him. Is the coast clear for him to make his desperate attempt? Patiently he stands, waiting, waiting for the moment when the eyes of authority will waver for an instant. But still the time is not yet ripe, so he stands biding his opportunity:

At last he makes a dart, but no, he stops again—he sees he is being watched and once more he returns to his post, still watching and waiting.

* * *

Again, this figure makes a dart, and this time he has succeeded, for we see him straighten up with a smile of triumph on his face. But alas and alack, he has been seen from afar by the ever-vigilant eyes of a prefect and soon he feels that iron grasp on his collar, and is forcibly pulled out and instructed to take one drill squad for pushing in the line at the tuckshop.

Alas, that such a gallant effort should have failed.

N.B., 4A.

School Through the Eyes of the Poets

What schoolboys think.

"Give me ae spark o' Nature's fire,
That's all the learning I desire."

Burns.

"How much toil!
Ah, what a task!
Impossible!"

Keats (Sleep and Poesy).

What their teachers say.

" . . . you idle creatures . . .
Is this a holiday?"

Shakespeare (Julius Caesar).

"Nonsense, child!"

Keats (Otho the Great).

"O gross and miserable ignorance."

Shakespeare (King Henry VI).

"Blockhead, d'ye hear?"

Keats (Ben Nevis).

The path of knowledge.

"Does the road wind uphill all the way?
Yes, to the very end."

Christina Rosetti.

My maths. paper.

"They say it was a shocking sight."

Southey.

Before the exam.

"Have I not reason, think you, to look pale?"

Shakespeare (Titus Andronicus).

During the exam.

" . . . bite his lip with politic regard, as who should
Say, 'There were in this head an 'twould out' . . ."

Shakespeare (Troilus and Cressida).

After the exam.

"What's done cannot be undone."

Shakespeare (Macbeth).

Homework.

"Continuous as the stars that shine,
And twinkle on the Milky Way."

Wordsworth.

"It must be done to-night."

Shakespeare (Macbeth).

"For when thy labour doon al is,
And hast y-maad thy rekeninges,
Instede of reste and newe thinges,
Thou gost hoom to thy hous anoon
And, also domb as any stoon,
Thou sittest at another boke."

Chaucer.

French.

"Take heed, be wary how you place your words."

"Wherefore do you so ill translate?"

Shakespeare.

—R. B. WYLIE, 40



GRADE CRICKET

The Cricket Competition is not yet completed, two rounds remaining to be played. The results of matches to date indicate a definite advance in the quality of the teams. All have rendered a good account of themselves, particularly the Junior Grades. This can be attributed to play on turf wickets, resulting in an improved knowledge of the game and a keener concentration. This apprenticeship should bear good fruit in the Senior Grades next year; indeed, in the Second Grade at least, its results are already making themselves felt.

FIRST GRADE.—Though not in a high position in the Competition table, this team is quite of good standard. It has some players of really excellent merit, such as Smith, Cornelson, Heywood and Cunneen, all of whom are members of last year's 1st eleven. Of the newcomers, Sheppard has perhaps been the most valuable acquisition as a fast bowler, besides being a useful bat. Heywood is the most improved player in the team, and throughout the season has been a tower of strength both in batting and bowling. Annetts also is a much improved player, particularly with the bat. His aggressive 62 against Hurlstone was full of merit, and should serve as a lesson to the cautious batsmen who flatter loose bowling and finally sacrifice their wickets in a desperate cross-bat effort to hit a good ball out of the field.

Team work is generally good, fielding being keen and of reasonable accuracy. There is a definite weakness in running between wickets. This needs attention.

RESULTS—

- v. North Sydney—lost on 1st innings.
- v. Canterbury—lost on 1st innings.
- v. Parramatta—won on 1st innings.
- v. Hurlstone—won outright.

SECOND GRADE.—Though the season is incomplete, the Seconds give promise of holding an honourable position in the Competition list. Of the four matches played, two have been won outright, one was a victory on the first innings and one lost. The team contains some players of merit who should reach cricket honours in the Firsts next season. Kangur, the captain, is a tower of strength as a bowler, ably supported by Chappelow, Jones and Francis. Until promoted to First Grade Holdway was the best all-rounder, and his progress in that grade will be watched with interest.

Though there is no outstanding bat in the team, meritorious scores have been made by Jones, Chappelow, Cook and Kangur.

The fielding of the team is not consistently good, though at times it is clean and accurate. With two more matches to complete the season, runs must not be lost by any looseness in the field. Inexperience is responsible for poor understanding between wickets, and a study of the weakness should add many runs to the score book.

RESULTS—

- v. Canterbury, won on 1st innings.
- v. North Sydney, lost on 1st innings.
- v. Parramatta, won outright.
- v. Hurlstone, won outright.

THIRD GRADE.—Of the four matches that have been played, we have won three outright and were beaten outright in the other. Our bowlers are chiefly responsible for our satisfactory position in the competition. Whitehurst has taken 21 wickets and Newton 22, both at very small cost, while Table and Hampton have performed well whenever needed.

Morgan, Miller and Ramsay have provided good exhibitions of batting at times but generally this department of the game has been marred by excessive timidity and a refusal to use the feet. An improvement has been noticed in recent matches and if it continues, the team will be a much more formidable combination.

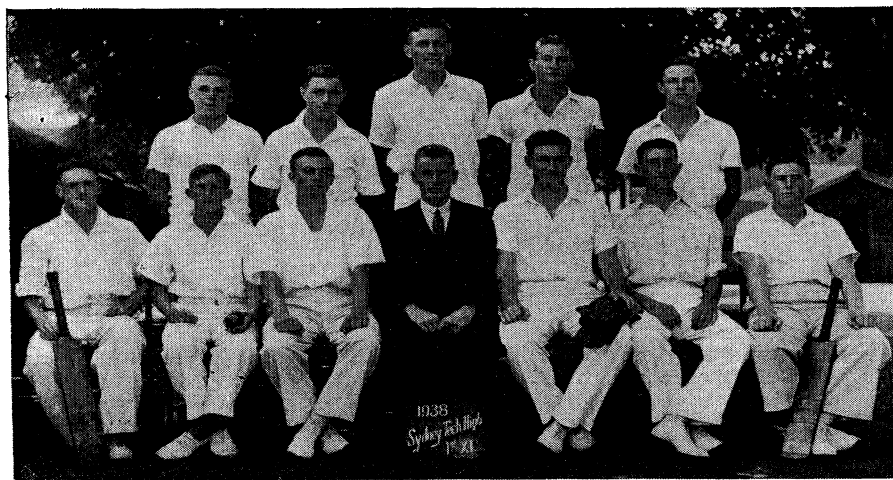
The fielding generally has not been good enough. The ground fielding has been fair but far too many chances have been missed. This needs attention if the team is to maintain its record.

Mangan and Newton have shared the responsibility of captaining the team and both have proved very satisfactory in the position.

FOURTH GRADE.—The following boys have been in the Fourth Grade this year:— Abbott (Captain), Allan, Chamberlain, Ferguson, Golding, Jones, McInnes, Meyer, Rocavert, Sanderson, Smale, Smallwood, Short, White.

We have had a fair year, but should have done better, as a number of these boys had experience in Fourth Grade last year. The batting has not been reliable; apart from one score of 91 by Abbott no player has reached 30.

The bowling is varied and good, and the highest total recorded against us was 75. Golding, Heywood, Sanderson, Smallwood and Rocavert have all bowled well, with Sanderson probably the best.



1st XI — 1938.

Back Row: W. Allan, J. Cunneen, R. Cornelson, G. Sheppard, K. Harvey.
Front: E. Shirley, R. Heywood, G. Smith (Capt.), Mr. J. K. Allen, W. Hogg, D. Fifer, K. Freeman.

The fielding generally has been good, some players being particularly smart and accurate.

Abbott has been a capable captain and wicketkeeper, and the happy spirit of the team is in part a tribute to his leadership.

Results to date—

- v. N. Sydney, lost outright.
- v. Canterbury, won outright.
- v. Parramatta, won outright.
- v. Hurlstone, won outright.

HOUSE CRICKET.—The House Cricket Competition has reached an interesting point with a spirit of keen rivalry evident in the twenty teams which play at Moore Park every Wednesday. Most pupils realise that this activity affords a splendid training ground for aspirants to Grade teams, and knowing that captains and supervising teachers are on the constant look-out for talent, they do their best, with the result that the standard of play and the degree of interest are rising steadily. At present the leading teams in the Point Score Competition are:— Senior: Mackinnon A1 and McMullen A2; Junior: Williams B1 and B2, but the margin between these and other teams is so narrow that any one may win.

Football

A feature of the 1938 season was the enthusiasm shown. This is pleasing, for football, if played in the true spirit, has much to give to the growing boy. Rugby is a game of spirit, hard knocks, and good temper, a team game that teaches the worth of both team mates and opponents and a game that brings understanding and good fellowship both on and off the playing field.

In the various grades Technical provided sturdy opposition. Throughout the season individual aptitude was noted and developed and this promises well for the future.

In addition to the grade teams, 360 boys, organised on a weight basis, played in the Park competition and this should provide a valuable recruiting ground for future grade players. These matches were refereed by Technical boys, to whom a word of thanks is due. The various competitions were won by:

- Under 6 stone Competition: MacKinnon House.
- Under 7 stone Competition: MacKinnon House
- Under 8 stone Competition: McMullen House.
- Unlimited Competition: McMullen House.

The extension of the weight restriction to all grades except the first and reserve had an undesirable effect of excluding many of the heavier players from the opportunity of representing in a grade team. This is to be regretted since such boys were prevented from gaining valuable experience at a critical stage. The position should be reviewed and an alteration made in the condition governing the 1939 competition.

Again this year Mr. S. Davis has given practical expression to his keenness and enthusiasm by donating the Davis Trophy to the player displaying outstanding skill, team spirit, and sportsmanship. Last year J. McClelland was the recipient of this valued trophy. This year the competition was particularly keen, as several players creditably fulfilled the conditions. The choice finally fell upon R. Cornelson who must gain additional satisfaction from securing the award in a year that was so rich in talent.

Representative honours were gained by J. McClelland, G. Smith, W. Cunneen, W. Hogg, J. Fisher in the first team and by W. McKenzie, K. Scott and R. Johnson in a combined 2nd Fifteen.

Football at Technical owes much to the support and cooperation of the Staff who unselfishly devoted so much time and enthusiasm to the care and coaching of the various teams.

1st GRADE—CAPTAIN'S REPORT

Once again, with the coming of Summer, Technical 1st XV have concluded another successful and happy season. By successful we do not mean that we succeeded in winning the Shield, but one does not necessarily have to win competitions to have a happy season. While on the topics of competitions we wish to extend our congratulations to Canterbury High School as Premiers for 1938.

Technical again had forwards to spare but found difficulty in finding a full "line-up" of backs. A five-eight proved particularly difficult to find. In this competition the team sadly missed Alan Stephenson as much for his enthusiasm and goodfellowship as for his undoubted ability as five-eight.

Technical managed to secure victories against all the Metropolitan High Schools, with the exception of the Premiers. Many matches proved particularly exciting as the following results show: v. North Sydney, 13-11; v. Sydney High, 9-10; v. Hurlstone, 6-9; v. Canterbury, 6-8.

One of the outstanding games played was the second match against Canterbury which Technical lost by 8 points to 6. If the opinion of the onlookers is to be trusted, this proved one of the finest High School games that have been played in recent years. Their opinion may be the product of enthusiasm but the game was most enjoyable.

Maitland High School visited Technical this year for the Annual match. This was played in the traditional friendly spirit and, after a strenuous match, Maitland emerged victorious by 11 points to 8. Maitland this year had engaged in Rugby League competition and, reverting to Union, proved too brilliant for Technical on the day. Congratulations to Maitland on a sporting game and well earned victory.

This year, at the conclusion of the season, Technical entertained two teams of Old Boys. Many of the past representatives of Technical participated and the Old Boys won the 1st match by 12 to nil and the main match by 6 points to 3. George Gapp who performed well as "hooker" during the match also performed very ably later at the school with an impersonation act that was much applauded.

Technical again entered the Rugby League University Shield Competition but were eliminated by Newcastle High School.

In conclusion the team wish to thank the coaches for the valuable work performed for the team. They also wish to thank the Headmaster, the Deputy Headmaster, the Staff and the School in general for the interest that they displayed in the team.

THE 1938 1st GRADE

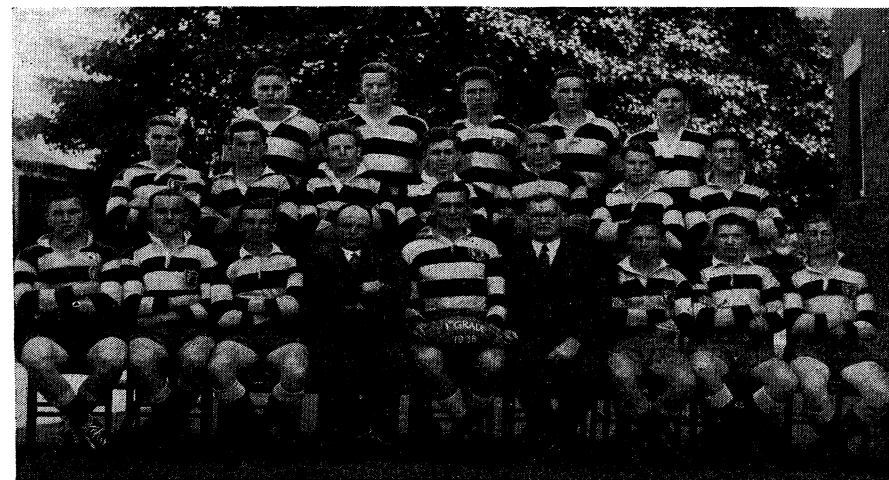
R. CORNELSON (Captain). Originally and naturally a forward, unselfishly played most of his games in the backs. Throughout played a captain's part and set a fine example by his untiring efforts and hard play. His loss to the team proved a serious obstacle.

G. SMITH (Vice-Captain). Succeeded Cornelson to the Captaincy half way through the season and led the team well. Represented C.H.S. as half back. Reveals great promise in this position. Tackles well and is always likely to capitalise an opportunity. His presence in the team next year promises to be very beneficial.

J. McCLELLAND. Captain last year but did not seek re-election believing that this honour should "go round." Speedy and tricky, was always a danger to the opposition. Naturally a winger, he played several matches in the centre position. For a number of years has rendered outstanding service to Technical 1st Grade.

G. SWINBOURNE. Well worthy to be grouped among the best forwards that Technical has produced. Possesses the first essential of a forward, i.e., courage, to a high degree. Solid in the rucks, he breaks clearly and quickly. Should be a valuable member of the 1939 team.

J. FISHER. One of the youngest forwards and one of the most vigorous. A find from the thirds of last year, his improvement has



1st XV — 1938.

Back: H. Kangur, K. Scott, W. McKenzie, J. Mann, N. Barnfield.
Middle: W. Allan, G. Swinbourne, G. Gapp, J. Cunneen, C. Boorman, J. McClelland, W. Hogg.
Front: E. Fisher, K. McMann, G. Smith, Mr. Mullinger (Master in charge), R. Cornelson (Capt.), Mr. Mackinnon (Headmaster), W. Beale, R. Enilane, E. Abbott.

been steady and continuous. Plays the true forward game and won Combined High Schools representation.

J. CUNNEEN. Another product of Technical football. Fast off the mark and tireless, he is an opportunist to the finger tips. Possesses the valuable asset of intelligence and does not leave it in the dressing room. Earned a position in the Combined High School Team in which his efforts to score were only frustrated by a rather amazing series of unlucky happenings.

W. MacKENZIE In Mackenzie we have one of the unluckiest players as far as points scored go, but where courage and hard play is concerned, he is one of the best. After an unlucky sequence he finally "scored" over the dead ball line. Despite his size showed skill as substitute "hooker." His game against Canterbury was outstanding. Selected for 2nd C.H.S.

R. JOHNSON. Always on the ball, playing clean, hard football. Unlucky to miss Combined High Representation but was selected for 2nd C.H.S. Not a "shiner" but always doing a forward's work with credit.

W. HOGG. The goal kicker of the team, at which he showed outstanding ability. Shows more initiative than most forwards. Possesses a "dummy" that is always likely to produce unexpected results. Won a position in Combined High School. A product of Technical football he has improved all the time. It is always a risky business to prophesy, but it is the fixed opinion of the team that "more will be heard" of this player.

G. GAPP. An outstanding "rake." He runs hard with the ball but also has a habit of running too far without it. A type that requires plenty of training, was prevented by several things, such as a bad ankle, from reaching and remaining at "concert-pitch."

K. SCOTT. At the beginning was at a serious disadvantage through being unfamiliar with the Rugby Union game. When settled down to the new conditions showed continuous improvement. Was selected for 2nd C.H.S. and promises to have a very good season in 1939.

G. ABBOTT. The baby of the team, yet throughout the year played as hard and as fiercely as the biggest of the forwards. At times did brilliant things as full-back. Few boys are played in the 1st XV at his age and his promotion was a tribute to his maturity.

W. ALLAN. Commenced the year with the seconds but won and held promotion to the higher grade. Fast and with a keen interest in the game showed constant improvement and should do well as a breakaway in the future.

G. TAPLIN. Another product of Technical football. Showed considerable promise in the junior grades and fulfilled that promise this year as full-back for the 1st team on several occasions. A safe handler and a deadly tackler, shows an occasional flash of the unorthodox which is disconcerting to the opposition.

R. ENILANE. A forward from the Fourths of 1938, stepped forward to fill the position of five-eight for the Firsts. Rather handicapped by lack of weight, he never shirked his responsibility.

L. MILLER. Commenced the season as Captain of the Seconds and promoted to 1st Grade. Possesses much football knowledge but will need to develop the habit of playing at his top for every minute of the game.

W. BEALE. Winger—fast and gritty with an effective kick to the centre. Tackles with determination and should capitalise his experience this year with next year's team.

K. McMANUS. Winger—has had a rapid rise in grade football. Runs hard and courageously. Has not had a great deal of experience but despite this handicap has performed very creditably

C. BOORMAN. Arriving at the school late yet played several matches with the 1st XV. A speedy runner with a deceptive side-step, shone mostly in attack. Has very definite possibilities.

G. MANN. Keen and hardworking, displayed good forward ability. Would have played more matches with the Firsts but for the fact that we are only allowed to field 8 forwards.

G. PRIESTLY. Has definite football ability which, as yet, he does not use to the full. Quick to see an opening and with a nice "cut-in" he plays his best when the opponents "line" is in sight. Increasing confidence should bring out latent ability.

H. KANGUR. Gained his promotion late and performed very promisingly. Has speed, size, and an ability to "break through." Shows definite promise for the 1939 team.

RESULTS, 1938

- v. Hurlstone—won 6-3.
- v. North Sydney—won 9-3.
- v. Parramatta—won 24-9.
- v. Canterbury—lost 11-6.
- v. Fort St.—won 19-6.
- v. Sydney High—lost 10-11.
- v. Hurlstone—lost 9-6.
- v. North Sydney—won 13-11.
- v. Parramatta—won 21-8.
- v. Canterbury—lost 8-6.
- v. Fort St.—lost 0-3.
- v. Sydney High—won 16-6.

Points scored—For Technical 147.
Against Technical 78.

2nd GRADE

As in the past the 2nd Grade is recognised as the "feeder" for the 1st Grade Team and this season provided no exception to the rule. Notwithstanding this practice, the 2nd Grade performed in the Competition Games with pleasing results. 6 games were won, 2 drawn and 4 were lost, of which two games were very close indeed.

Fifer, Kangur, Falson, Patton, G. Allen, Radionoff, Mann, Somerville, Mackie and Cootes played in most of the matches throughout the season while Sansome, Connolly, Barnfield, Miller, Enilave, Taplin and Boorman, played in most of the games.

Many of the players were new to the game at the beginning

of the season but with attention to training most of them showed great improvement and those remaining for next season should show up prominently in the 1st Grade. Special mention may be made in this regard of Taplin as full-back and Radionoff as a promising forward.

The matches with other schools were always played in a very friendly spirit and, although the play at times was not of a very high standard, still everyone enjoyed the game and it can be confidently said that the game of football is an invigorating healthy sport in the School.

THIRD GRADE

For the 1938 season new conditions were introduced for the third grade competition. It was thought that a nine stone weight limit would put the competition on a more equitable basis. Perhaps it did, but, as far as we were concerned, it had the effect of depriving a number of boys of the opportunity of playing grade. In past years the third grade served as a nursery for the higher grades. The majority of our fourth-year boys come from outside schools, where many of them played either Australian Rules or Soccer. The imposition of a weight limit deprives many of these boys of the opportunity of 'taking-up' Rugby when they come to this school. This year the maximum number of players available was twenty. As the season progressed injuries depleted our ranks, until it was difficult to field a team. Without a weight limit there would have been no shortage of players.

RESULTS

First Round	Second Round
v. Hurlstone—Lost 16-6	—Won 11-3.
v. N. Sydney—Drawn, 3 all.	—Lost 8-3.
v. Canterbury—Won 14-3.	—Won 32-3.
v. Fort St.—Lost 8-3	—Lost 15-0.
v. Sydney—Lost 19-0.	—Lost 9-0.

Although the record of the team is not imposing, there are several players who deserve special praise for their efforts to win success for the team. Mangan, the captain, set a fine example both on the field and at practice. Clunne, vice-captain, was another who had a lot of work to do, and did it well. Two of the younger boys, Day and Simpson, improved considerably during the season. Late in the season, Holdway distinguished himself as a goal-kicker. Chappelow wins a place on the honour-board for his play in the full-back position.

FOURTH GRADE FOOTBALL, 1938

Fourth Grade recaptured their prestige this season. They were runners-up in the competition.

Without any outstanding players, the team was composed of enthusiasts who not only regularly attended practice but did their utmost to carry out instructions in match play.

Unfortunately, Smallwood, our captain and leader of the team,

broke his arm early in the season. This was a great loss, and it was gratifying to note the unselfish manner in which different players transferred from one position to another.

Excellent play marked every match of the season. Hard tackling, solid rucking and good combined play were features of the Fourth Grade play throughout the Competition.

Whilst heartily congratulating North Sydney on their win, we feel that we were unfortunate in the game that won the honours for Norths. The scores were 7 to 6.

We must record the fact that the second and first year lads developed in a marked degree and we feel that the experience gained will place a number of them in grade teams next year.

FIFTH GRADE FOOTBALL

Owing to continued injuries the same team was never fielded twice, and at the close of the season several forwards were playing in back positions. Losing Neville Gray, as the previous 6th Grade half-back, in the first match, J. Cook had to take the position with A. Devilin playing five-eighth. These two played solid football all the season, with Cook top scorer for the season.

D. Hall and R. Cooper were good three-quarter players, and both should do well in grade teams next year. M. Barter as full-back and captain was a very cool and certain player for the position, and was greatly missed when injured. Hill, who had never previously played Union, ably filled the position of full-back and he should retain his position in a higher grade next year.

The forwards were always keen, but lacked the necessary weight. Schumacker, Costello, Yeo, Morris and Smale were the most consistent workers in the forwards.

E. Erickson was a useful player for the backs or forwards and was keen on the game. A. McDonald showed promise of making a good forward although he only played in two games, but he was consistent in training and won a position in the team.

The whole team played good football and at all times upheld the good name of their school.

SIXTH GRADE

The sixth grade team met with mixed success during the season. They won five matches, lost four, and played drawn games on three occasions. On the whole the players did reasonably well because a number of them, on account of other activities, were unable to attend the weekly practice matches. Some players, throughout the whole of the season, played hard, unselfish football, but unfortunately there was far too much individual play. Football is a team game.

Heywood had a difficult job as captain. He had to play forwards as backs and this necessitated the key men playing a safe game, thus restricting attacking movements. McInnes as vice-captain ably supported Heywood. Good and Ward played con-

sistently good football in the backs. On occasions they were weakly supported. The forwards, as a whole, played solid football. They never shirked the "hard-going" and rucked, during the latter part of the season, particularly well. It is difficult to select any of the forwards for special mention.

The players throughout the season were:— Backs: N. Heywood (Capt.), J. McInnes (Vice-Capt.), R. Ward, K. Strachan, E. Brown, D. Patmore, L. Rowe, W. Goodin.

Forwards: B. Fienberg, B. Lowe, N. McLaggan, A. Williams, J. Paul, L. Purnell, J. Fathers, T. Coyle, P. Lythal, L. Smith, C. Woolcott.

Tennis

The School tennis activities have revealed a real enthusiasm and devotion to the game, which has resulted in a generally improved standard of play. Over one hundred boys participate each Wednesday on courts at the White City, Bondi, North Sydney and Rushcutter's Bay.

Of the Grade Teams, the Firsts performed very creditably and one member of the team, D. Rocavert, achieved the honour of representing N.S. Wales against Queensland. His performances were excellent and he is developing into a first class player who should be of great service to school tennis for several years.

The Second and Third Grades, although weak in play and accomplishments, were strong in spirit; their standard is improving but next season there will be several vacancies in the grade teams for aspiring players.

The Fourth Grade Team gained the premiership of their grade after a play off against Hurlstone. Congratulations to each and every member of the team, for they consistently displayed fine enthusiasm and real team spirit and fully deserved to achieve this coveted honour.



4th GRADE TENNIS TEAM—PREMIERS, 1938.

Mr. Fisher-Webster (Master in Charge); Mr. Mackinnon.
R. Poulter, R. Scott, K. Dawbney, A. Taylor.

ATHLETIC CARNIVAL 4th and 5th August, 1938

The school carnival was one of the most successful ever held. The competition was keen and the standard was excellent. The whole school is to be congratulated on the manner in which they responded to the staff's effort to have every boy in the school taking part.

The Senior Championship was won by C. Boorman, 9 points; from L. Cohen 8 points, and K. Harvey 7 points.

The Junior Championship was won by N. Kelaher, 12 points from E. Pink, 7 points.

The Under 15 years Championship was won by W. Allan, 19 points, from K. Crawford, 10½ points.

The Under 14 years Championship was won by K. Brown, 8 points, from D. Rocavert, 6 points.

The Under 13 years Championship was won by R. Foy, 7 points.

The House Competition was keenly contested, McMullen House eventually winning with 145½ points from Williams 132½ points, Mackinnon 98 points, Turner 96 points.

The "Selman Cup" for the mile Championship and the "Stephens Crofts" cup for the 880 yards Championship were won by L. Cohen.

The "J. H. Stone" High Jump Cup was won by A. Simpson.

The following records were made:—

Junior Relay (McMullen) 50 secs.

Juvenile Relay (McMullen) 55.3/5 secs.

120 yds. Senior Hurdles, K. Harvey, 17 secs.

Under 15 High Jump, W. Allan, 4ft. 11¼in.

Junior Shot Putt, E. Fisher, 42ft. 4in.

Under 15 Broad Jump, W. Allan, 18ft. 0in.

Junior 440 yards, N. Kelaher, 56 secs.

Under 15 Hurdles, W. Allan, 14.2 secs.

Under 13 Hurdles, A. McFarlane, 12.2 secs.

Under 13 100 yards, R. Foy and F. Ahmalman, 12.6 secs.

Junior 220 yards, N. Kelaher, 24.2 secs.

Senior Championships:—

100 yards: 1. C. Boorman, 2. D. Patton, 3. W. Beale. Time 10-2/5 secs.

220 yards: 1. C. Boorman, 2. R. Patton, 3. F. Cohen. Time 23-3/5 secs.

440 yards: 1. C. Boorman, 2. K. Harvey, 3. F. Cohen. Time 55-1/10 secs.

880 yards—(Stephens-Crofts Cup): 1. F. Cohen, 2. A. Nuberg, 3. G. Swinbourne. Time 2 min. 12-3/5 secs.

1 Mile (Selman Cup): 1. F. Cohen, 2. G. Swinbourne, 3. R. Scott. Time 5 min. 5-4/5 secs.

High Jump: 1. A. Simpson, 2. C. Black, 3. R. Newton. Height, 5 feet 3¼ inches.

Broad Jump: 1. W. Beale, 2. K. Harvey, 3. K. Scott and D. Newton tie. Dist., 18 ft. 11¼ins.

120 yards Hurdles: 1. K. Harvey, 2. M. Alston, 3. D. Fifer, Time, 17-1/10 secs.

12 lbs. Shot Putt: 1. W. McKenzie, 2. G. Radionoff, 3. R. Cornelson. Dist., 36 ft. 5¼ins.

Relay 440 yds.: 1. William's House, 2. McMullen House, 3. Turner House. Time, 48-9/10 secs.

Junior Championships:—

100 yds.: 1. N. Kelaher, 2. E. Pink, 3. W. Brown. Time, 11 secs.

220 yds.: 1. N. Kelaher, 2. E. Pink, 3. W. Brown. Time, 24½ secs.

440 yds.: 1. N. Kelaher, 2. E. Pink, 3. E. Fisher. Time 56 secs. (record).

880 yds.: 1. L. Miller, 2. J. Short, 3. J. Brown. Time 2 min. 32-1/5 secs.

1 Mile: 1. L. Miller, 2. R. Jones, 3. J. Short. Time 5 min. 29 secs.

High Jump: 1. G. Jones, 2. K. Wilson, 3. J. Cook and J. Lawrence, tie. Height, 4ft. 8½ins.

Broad Jump: 1. N. Kelaher, 2. E. Midgley, 3. J. Matheson. Dist., 18 ft. 1 in.

90 yds. Hurdles: 1. J. Matheson, 2. A. Smith, 3. J. Hely. Time, 14-3/5 secs.

8 lbs. Shot Putt: 1. E. Fisher, 2. W. Hogg, 3. E. Pink. Dist., 42 ft. 4 ins. (Record).

Relay 440 yds.: 1. McMullen House, 2. MacKinnon House, 3. Turner House. Time 50 secs. (Record).

Under 15 Years Championships:—

100 yds.: 1. K. Crawford, 2. W. Allan, 3. B. Grose. Time 11-3/5 secs.

220 yds.: 1. K. Crawford, 2. W. Allan, 3. B. Grose. Time 26-1/10 secs.

440 yds.: 1. W. Allan, 2. K. Crawford, 3. B. Grose. Time 58-2/5 secs.

880 yds.: 1. T. Brooks, 2. E. Erickson, 3. A. Devlin. Time 2 min. 32-3/5 secs.

1 Mile: 1. R. Wright, 2. E. Erickson, 3. R. Voget. Time 5 min. 44-4/5 secs.

High Jump: 1. W. Allan, 2. K. Wilson, 3. K. Crawford and D. Clark tie. Height 4ft. 11½ins. (Record).

Broad Jump: 1. W. Allan, 2. B. Grose, 3. F. Walsh. Dist. 18 ft. 0 in. (Record).

90 yds. Hurdles: 1. W. Allan, 2. B. Grose, 3. J. Cook. Time, 14-1/5 secs. (Record).

8 lbs. Shot Putt: 1. W. Allan, 2. K. Crawford, 3. B. Turvey. Dist., 36 ft. 2 ins. (Record).

Juvenile Championships:

100 yds.: 1. K. Brown, 2. K. Page, 3. D. Rocavert. Time, 11-9/10 secs.

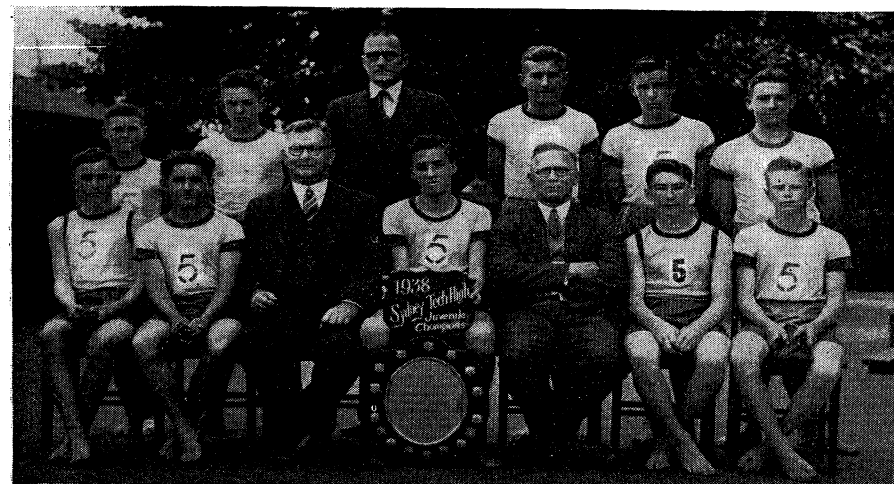
220 yds.: 1. K. Brown, 2. K. Page, 3. D. Suttle. Time 26-1/10 secs.

440 yds.: 1. K. Brown, 2. R. Wright, 3. D. Rocavert. Time 63.9/10 secs.

880 yds.: 1. R. Wright, 2. M. Ziemas, 3. T. Diggle. Time 2 min. 32 secs.

High Jump: 1. N. Chamberlain, 2. L. Hammett, 3. A. Middlemas and T. McInnes, tie. Height 4 ft. 4 ins.

Broad Jump: 1. D. Rocavert, 2. K. Brown, 3. D. Suttle. Dist., 16 ft. 8 ins.



JUVENILE ATHLETIC TEAM—C.H.S. CHAMPIONS, 1938.
Back: K. Strachan, F. Ahmalman, Mr. Nolan (Coach), D. Rocavert, K. Brown, D. Suttle.
Front: N. Chamberlain, A. Middlemass, Mr. Mackinnon, D. Lawson, Mr. Turner (Coach), R. Daley, K. Page.

60 yds. Hurdles: 1. R. Daly, 2. D. Rocavert, 3. D. Suttle. Time 10½ secs.

Relay 440 yds.: 1. McMullen House, 2. MacKinnon House, 3. William's House.

Under 13 Years Championships:—

100 yds.: 1. R. Foy, 2. F. Ahmalman, 3. K. Strachan. Time, 12.3/5 secs. (Record).

220 yds.: 1. F. Ahmalman, 2. R. Foy, 3. K. Strachan. Time, 29-3/5 secs.

440 yds.: 1. R. Foy, 2. N. Chamberlain, 3. K. Strachan. Time, 1 min. 10½ secs.

High Jump: 1. R. Lloyd, 2. D. Roberts, 3. L. Mason. Height, 4 ft. 0 ins.

Broad Jump: 1. R. Foy, 2. N. Chamberlain, 3. K. Strachan. Dist., 14 ft. 11½ ins.

60 yds. Hurdles: 1. A. McFarlane, 2. R. Foy, 3. L. Mason. Time, 12½ secs. (Record).

Year Championships.—100 Yds.:—

5th Year: 1. W. McKenzie, 2. G. Smith, 3. N. Chappelow. Time 11-3/5 secs.

4th Year: 1. G. Radionoff, 2. N. Agnew, 3. K. McManus. Time, 11½ secs.

3rd Year: 1. W. Chamberlain, 2. G. Watterson, 3. J. Lawrence. Time, 11-3/5 secs.

2nd Year: 1. R. Sanderson, 2. S. Peebles, 3. R. Simpson. Time, 11½ secs.

1st Year: 1. K. Turner, 2. N. Benson, 3. R. Martin. Time 12-3/5 secs.

Tug-o-war:—

5th Year: 1. Turner House, 2. McMullen House.
4th Year: 1. McMullen House, 2. Turner House.
3rd Year: 1. William's House, 2. McMullen House.
2nd Year: 1. McMullen House, 2. Turner House.
1st Year: 1. Turner House, 2. MacKinnon House.

Novelty Events—Obstacle Race:—

5th Year: 1. R. Learmonth, 2. R. Enilave, 3. K. Marsh.
4th Year: 1. C. Horner, 2. R. Scott, 3. A. Smith.
3rd Year: 1. W. Goodwin, 2. J. Cook, 3. I. Matheson.
2nd Year: 1. J. McInnes, 2. B. Coulton, 3. R. Patmore.
1st Year: 1. K. Strachan & B. Minkie, 2. F. Lands & E. Townsend, 3. R. Pike & J. Morse.

Mixed Novelty Race:—

5th Year: 1. G. Smith, 2. L. Kennedy, 3. R. Enilave.
4th Year: 1. N. Agnew & C. Horner, tie, 3. R. Miller.
3rd Year: 1. F. Walsh, 2. W. Chamberlain, 3. W. Goodwin.
2nd Year: 1. W. Hill, 2. L. Sanderson, 3. C. Prust.
1st Year: 1. B. Minkie, 2. A. Lazer, 3. A. McDonald.

Siamese Race:—

5th Year: 1. K. Marsh & G. Smith, 2. R. Enilave & R. Rocavert,
3. J. McClelland & N. Chappelow.
4th Year: 1. C. Horner & R. Shaw, 2. R. Miller & W. Pugh,
3. N. Agnew & R. James.
3rd Year: 1. H. Kangur & G. Priestly, 2. R. Barrington & J. Wyndham, 3. R. Miller & J. Merrikin.
2nd Year: 1. A. Falconer & F. Lancaster, 2. R. Burns & B. Lovett, 3. L. Purnell & R. Patmore.

1st Year: 1. B. Burke, 2. N. Chamberlain, 3. K. Strachan.

Sack Race:—

5th Year: 1. G. Smith, 2. J. McClelland, 3. R. Enilave.
4th Year: 1. B. Jones, 2. W. Pugh, 3. B. Turvey.
3rd Year: 1. J. Merrikin, 2. G. Priestly, 3. K. McDonald.
2nd Year: 1. W. Bossie, 2. A. Buchan, 3. R. Patmore.
1st Year: 1. W. Fathers, 2. L. Mulcahy, 3. W. O'Dowd.

COMBINED HIGH SCHOOLS ATHLETIC MEETING

26th and 27th September, 1938

The school teams performed very creditably again this year. The Juvenile team won their division after facing a deficit of 21 points at lunch time on the final day.

D. Lawson won the 60 yds. Hurdles Championship in the record time of 9.3 secs. beating his brother's record of 9.8 secs.

N. Chamberlain won the Under 13 Years 100 yds. Championship, running excellently and with great determination. He also jumped 17 ft. 3 ins. in the broad jump which is an excellent effort for a boy under 13 years of age.

The relay team, D. Lawson, K. Brown, D. Rocavert, K. Page excelled themselves in changing the baton to win easily and secure the division shield by the narrow margin of five points.

The hurdles result was very gratifying, all three Juvenile runners winning their divisions.

Lawson, Page, Strachan, Suttle, Daly, all won division races, while Brown who faced the first division fields, did well to finish 4th in both sprints.

The Junior team lost two good performers in Crawford, and Midgley the week before the sports, and did well to total 102 points.

Pink, Allan, Kelaher, Fisher, had big programmes and performed well.

The Senior team scored 129 points, and we are very pleased at this performance.

Boorman, Patton, Cohen, Swinbourne all worked hard with fair success. Harvey and Fifer hurdled well and are easily the best pair of hurdlers the school has produced. Simpson, Black and Newton were better high jumpers than we have had for a long time, but their opposition was just too good.

Individual Results—Senior:—

100 yds.: Division I. C. Boorman, 4th. Division III. D. Patton, 2nd.

220 yds.: Division I. C. Boorman, 3rd. Division II. D. Patton, 3rd. Division III. R. Braby, 3rd.

440 yds.: Division I. C. Boorman, 4th. Division II. F. Cohen, 4th. Division III. K. Scott, 2nd.

880 yds.: Division II. G. Swinbourne, 2nd. Division III. A. Nuberg, 4th.

1 Mile: Division II. G. Swinbourne, 3rd. Division III. A. Nuberg, 4th.

Hurdles: Division I. K. Harvey, 4th. Division II. D. Fifer, 1st, 16½ sec. Division III. M. Alston, 4th.

Shot Putt: Division I. R. Cornelson, 5th. Division II. W. McKenzie, 3rd. Division III. G. Radianoff, 3rd.

High Jump: Division I. A. Simpson, 3rd. Division II. C. Black, 2nd.

Broad Jump: Division III. K. Harvey, 2nd.

Relay: C. Boorman, D. Patton, W. Beale, R. Braby, 2nd. Points 129 — 4th.

Junior:—

100 yds.: Division I. N. Kellaher, 3rd. Division II. E. Pink, 4th. Division III. E. Fisher, 2nd.

220 yds.: Division I. N. Kellaher, 4th. Division II. E. Pink, 2nd. Division III. E. Fisher, 4th.

440 yds.: Division I. N. Kelaher, 2nd. Division II. W. Allan, 3rd. Division III. E. Pink, 1st, time 57.1/5 secs.

Hurdles: Division I. I. Matheson, 4th. Division II. W. Allan, 3rd. Division III. B. Grose, 2nd.

Shot Putt: Division II. E. Pink, 2nd. Division III. W. Allan, 2nd.

High Jump: Division II. W. Allan, 4th.

Broad Jump: Division II. N. Kelaher, 1st.

Relay: E. Pink, N. Kelaher, E. Fisher, R. Bayliss, 3rd. Points 102 — 4th.

Juvenile:—

100 yds.: Division I. K. Brown, 4th. Division II. D. Lawson, 2nd. Division III. K. Page, 1st, time 12-1/5 secs.

220 yds.: Division I. K. Brown, 4th. Division II. D. Lawson, 1st, time 26-4/5 secs. Division III. K. Page, 2nd.

100 yds. Under 13: Division I. N. Chamberlain, 1st, time 12-1/5 secs. Division II. F. Ahmalman, 4th. Division III. K. Strachan, 1st, time 12-9/10 secs.

Hurdles: Division I. D. Lawson, 1st, time 9-3/10 secs. (record). Division II. R. Daley, 1st, time 10-2/5 secs. Division III. D. Suttle, 1st, time 10 secs.

High Jump: Division II. N. Chamberlain, 4th. Division III. A. Middlemiss, 5th.

Broad Jump: Division I. D. Rocavert, 2nd. Division II. K. Brown, 2nd. Division III. N. Chamberlain, 1st, dist. 17 ft. 3 ins.

Relay: D. Lawson, K. Page, K. Brown, D. Rocavert. 1st, time 52-3/10 secs.

Points 137 — 1st.

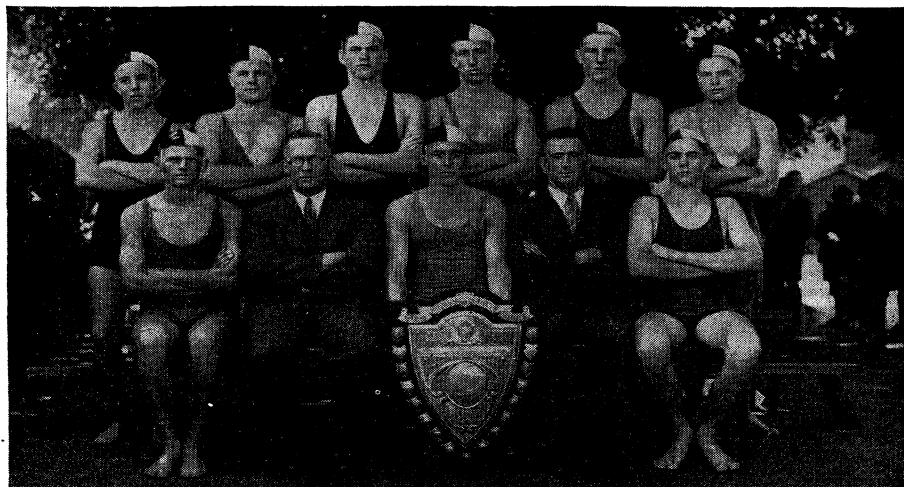
STATE SCHOOLBOYS' CHAMPIONSHIP

1st October, 1938.

D. Lawson won the 90 yds. Hurdles Championship under 15 years in the excellent time of 12-3/5 secs.

C. Boorman was 3rd in the under 20 years 100 yds., and 220 yds. Championships.

L. Cohen was 2nd in the Under 20 years 880 yds. Championship.



SENIOR SWIMMING TEAM — C.H.S. CHAMPIONS, 1938.

Back Row: C. Tole, G. Gapp, K. Marsh, W. McKenzie, K. Scott.
Front Row: G. Sinder, Mr. Turner (Master in charge), G. Swinbourne, Mr. Beatty (Sportsmaster), N. Barnfield.

LIFE-SAVING AWARDS

Since the last issue of the School Magazine, Life-saving awards have been gained by the following boys:—

Instructor's Certificate: Thears, Horton, Smith, Beacroft, Cohen.
Bar to Bronze Medallion: Macpherson, Mann.

Bronze Medallion: Heslop, Besley, Osgood, Stewart, Sly, Cooper, Coates, Marsh, Best, Peebles, Briggs, Banks, Blackmore, Crocker, Murphy, Martin.

Intermediate Certificate: Briggs, Cooper, Blackmore, Simpson, East, Stewart, Miller, George, Merrikin, Nelson, Cousins.

Swimming

School Carnival

The school swimming carnival was conducted, as usual, at Coogee Aquarium under the best of conditions. The distances over which the races were competed were standardised this year; thus several new records were created. The House competition was keenly contested, the result being always in the balance. The swimming generally was of a very high standard.

Senior Championships

Senior: G. Swinbourne, 21; W. McKenzie, 10; G. Gapp, 6.

Junior: R. Braby, 14; Chilton, 8; F. Falson, 4.

Juvenile: D. Drewitt, 15; Morrison, 8; Buchan, 3.

House Point Score

Turner, 92-2/3 points; McMullen, 77-1/3; Williams, 44½; MacKinnon, 33½.

Senior Championship

55 yds. (new distance): G. Swinbourne 1st, W. McKenzie 2nd, K. Scott 3rd. Time, 30-2/5 secs.

110 yds. (new distance): G. Swinbourne 1st, W. McKenzie 2nd, K. Scott 3rd. Time 1 min. 9-1/5 secs.

220 yds. (Record L. Walsh, 1935, 2 mins. 38 secs.): G. Swinbourne 1st, W. McKenzie 2nd, G. Gapp 3rd. Time, 2 mins. 32-1/5 secs. (new record).

440 yds. (Record L. Walsh, 1935, 5 mins. 50 secs.): G. Swinbourne 1st, K. Marsh 2nd, G. Gapp 3rd. Time 5 mins. 38-1/5 secs. (new record).

880 yds. (Record A. Hart, 1931, 11 mins. 59-3/5 secs.): G. Swinbourne 1st, W. McKenzie 2nd, K. Marsh 3rd. Time, 12 mins. 4½ secs.

Diving Championship: G. Gapp 1st. G. Sinder 2nd, S. Sommerville 3rd.

55 yds. Backstroke (new distance): G. Swinbourne 1st, W. McKenzie 2nd, G. Gapp 3rd. Time, 39-3/5 secs.

110 yds. Breaststroke (new distance): G. Swinbourne 1st, J. Mann 2nd, N. Bornfield 3rd. Time, 1 min. 38 secs.

House Relay, 330 yds. (6 men): McMullen, Turner, Williams. Time 3 mins. 24-2/5 secs.

Junior Championships

55 yds. (new distance): R. Braby 1st, J. Chilton 2nd, N. Haword 3rd. Time, 30-2/5 secs.

110 yds. (new distance): R. Braby 1st, J. Chilton 2nd, N. Haword 3rd. Time, 1 min. 14-1/3 secs.

220 yds. (record, G. Swinbourne, 1937, 2 mins. 35-1/5 secs.): R. Braby 1st, R. Holt 2nd, J. Chilton 3rd. Time 2 mins. 54 secs.
 440 yds. (record N. Ryan, 1927, 5 mins. 38 secs.): J. Chilton 1st R. Braby 2nd, F. Falson 3rd. Time 6 mins. 24-2/5 secs.
 Diving Championship: F. Falson 1st, W. Hogg 2nd, A. Welsh 3rd.
 55 yds. Backstroke (new distance): H. Heslop 1st, D. McGuigon 2nd, H. Seymour 3rd. Time 44-1/5 secs.
 55 yds. Breaststroke (new distance): R. Braby 1st, J. Best 2nd, H. Taylor 3rd. Time 45-2/5 secs.

Under 14 Years

55 yds. (new distance): D. Drewitt 1st, S. Morrison 2nd, P. Lythall 3rd. Time 32 secs.
 110 yds. (new distance): D. Drewitt 1st, J. Filbee 2nd, R. Blackwell 3rd. Time 1 min. 16-3/5 secs.
 220 yds. (record G. Swinbourne, 1935, 3 mins. 1-3/5 secs.): D. Drewitt 1st, S. Morrison 2nd, R. Blackwell 3rd. Time 2 mins. 48 secs. (record).
 Diving Championship: J. Buchan 1st, Tate 2nd, Blackmore 3rd.
 33 yds. Backstroke (record, O. Doerner, 1931, 23-3/5 secs.): D. Drewitt 1st, S. Morrison 2nd, P. Lythall 3rd. Time 26-2/5 secs.
 33 yds. Breaststroke (F&cord G. Swinbourne, 1935, 24-1/10 secs.): D. Drewitt 1st, S. Morrison 2nd, F. Nelson 3rd. No time recorded.

Class Championships

1A—K. Kilgour.	3A—O. McClung
1B—E. Erickson.	3B—K. Day.
1C—K. Stewart.	3C—G. Priestly.
1D—R. Wallace.	3D—S. Black.
2A—R. Simpson.	3E—H. Kangur.
2B—R. Montgomery.	4th Year—B. Woodward.
2C—C. Stanford.	5th Year—H. James.
2D—D. Thomas.	

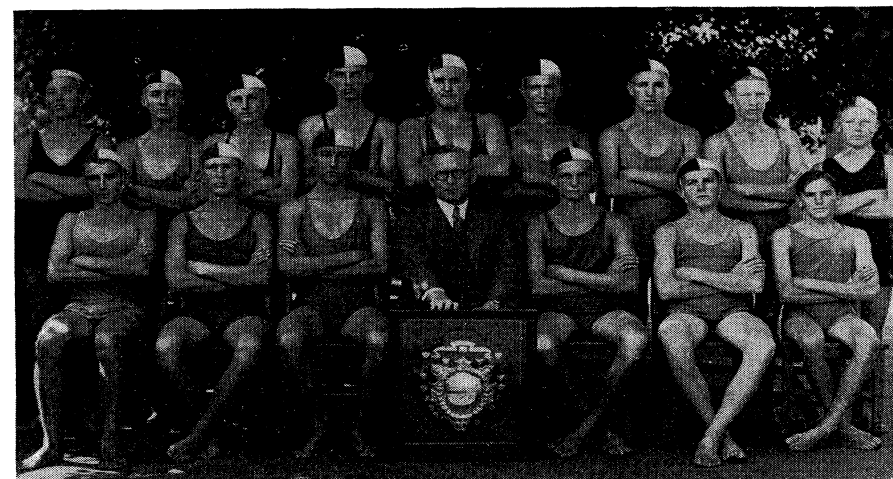
COMBINED HIGH SCHOOL

Records Made

Technical High School won the Senior, Junior, and Under 14 Years Championships, and the title of Champion School at the Combined High Schools' swimming carnival at North Sydney Pool. G. Swinbourne, the junior champion of New South Wales, R. Braby and D. Drewitt were mainly instrumental in achieving this success. Between them they won eleven championships, and broke 6 records.

Swinbourne's victories ranged from the 880 yds. B. B. Kieran Memorial Race to the 55 yds. Although he broke the 55 yds. record in his heat of the sprint championship, his time being 29.2 secs., he failed to win the final, which was swum soon after the quarter-mile, which he also won. He won every other freestyle championship and also the second division of the backstroke title. Braby, who is well known in the St. George district, won all the junior freestyle championships, and the breaststroke. Drewitt won every freestyle championship under 14 years, and was second in both backstroke and breaststroke. All three were also members of the winning teams in the relay races. The points which determined the Champion School were:—

Technical 293, Sydney High 174, North Sydney 145.



JUNIOR SWIMMING TEAM — C.H.S. CHAMPIONS, 1938
 Back: C. Tole, A. Kemp, H. Seymour, H. Heslop, D. Drewitt, E. Holt, H. Taylor, A. Buchan.
 Front: G. Sindén, J. Chilton, R. Braby, Mr. Turner, T. Brooks, N. Howard, L. Tate.

New records made at this carnival were:—
 G. Swinbourne, Senior 55 yds., 29.2 secs; Senior 110 yds., 1 min. 7.6 secs.
 R. Braby, Junior 55 yds., 29.6 secs., breaking R. R. Newbiggin's record.
 D. Drewitt, under 14 years, 55 yds., 31.8 secs.; 110 yds., 1 min. 12 secs.
 Technical High School, 330 yds. Senior Relay, 3 mins. 10-2/5 secs.

INDIVIDUAL RESULTS

Senior:—

G. SWINBOURNE

1st, 880 yds., 1st division.
 1st, 440 yds., 1st division.
 1st, 220 yds., 1st division.
 1st, 110 yds., 1st division, (record).
 2nd, 55 yds., 1st division, (record).
 1st, 55 yds. Backstroke, 2nd division.

W. McKENZIE

2nd, 880 yds., 2nd division.
 1st, 220 yds., 2nd division.
 1st, 110 yds. 2nd division.
 1st, 55 yds., 2nd division.

G. GAPP

1st, 440 yds., 3rd division.
1st, 220 yds., 3rd division.
3rd, Diving Championship, 1st division.

K. SCOTT

1st, 110 yds., 3rd division.
1st, 55 yds., 3rd division.

K. MARSH

1st, 440 yds., 2nd division.
1st, 880 yds., 3rd division.
1st, 55 yds. Backstroke, 3rd division.
Members of 330 yds. relay team: W. McKenzie, G. Gapp, D. Llewellyn, K. Scott, G. Swinbourne, K. Marsh (record).

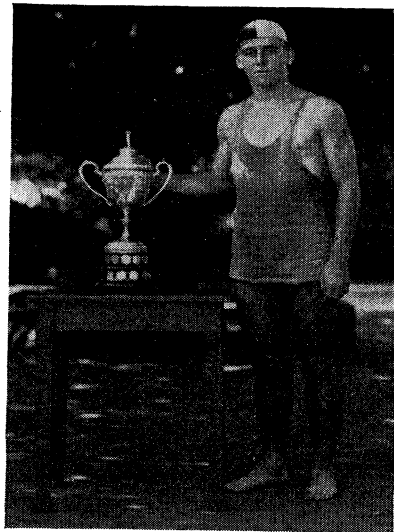
Junior:

R. BRABY

1st, 440 yds., 1st division.
1st, 220 yds., 1st division.
1st, 110 yds., 1st division.
1st, 55 yds., 1st division (record).

J. CHILTON

1st, 440 yds., 2nd division.
1st, 220 yds., 3rd division.
2nd, 110 yds., 2nd division.
2nd, 55 yds., 2nd division.



G. SWINBOURNE

Senior Swimming Champion.
C.H.S. Record Holder.
Winner Kieran Memorial, 880 yds.

R. HOLT

1st, 220 yds., 2nd division.
2nd, 55 yds., 3rd division.
N. HOWARD: 3rd, 110 yds, 3rd division.
J. BEST: 3rd, 55 yds. Breastroke, 2nd division.
H. TAYLOR: 3rd, 55 yds. Breastroke, 3rd division.
H. HESLOP: 2nd, 33 yds. Backstroke, 1st division.
A. KEMP: 2nd, 33 yds. Backstroke, 3rd division.
H. SEYMOUR: 33 yds. Backstroke, 2nd division.
A. BUXSTONE: 2nd Diving Championship, 2nd division.
Members 220 yds. Junior Relay Team: Braby, Chilton, Holt.
Under 14:—

D. DREWITT

1st, 440 yds. Junior, 3rd division.
1st, 220 yds., 1st division.
1st, 110 yds., 1st division (record).
1st, 55 yds., 1st division.
2nd, 33 yds., Breastroke, 1st division.
2nd, 33 yds. Backstroke, 1st division.

J. FILBEE

2nd, 220 yds., 2nd division.
2nd, 110 yds., 2nd division.
3rd, 55 yds., 3rd division.



WATER POLO PREMIERS (Undefeated), 1938.

Back Row: G. Gapp, R. Braby, K. Scott, G. Swinbourne.
Front Row: J. Chilton, D. Drewitt, Mr. Harrsion (Master in charge),
W. McKenzie, H. Heslop.

S. MORRISON

1st, 220 yds., 3rd division.

2nd, 33 yds. Breaststroke, 2nd division.

1st, 33 yds. Backstroke, 2nd division.

R. BLACKWELL: 3rd, 110 yds., 3rd division.

F. NELSON: 1st, 33 yds. Breaststroke, 3rd division.

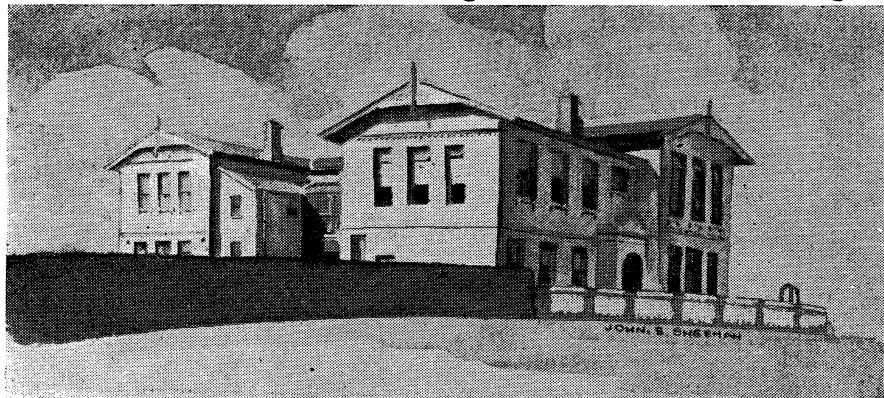
J. LYTHALL: 1st, 33 yds. Backstroke, 3rd division.

Members of 220 yds. relay team: D. Drewitt, J. Filbee.

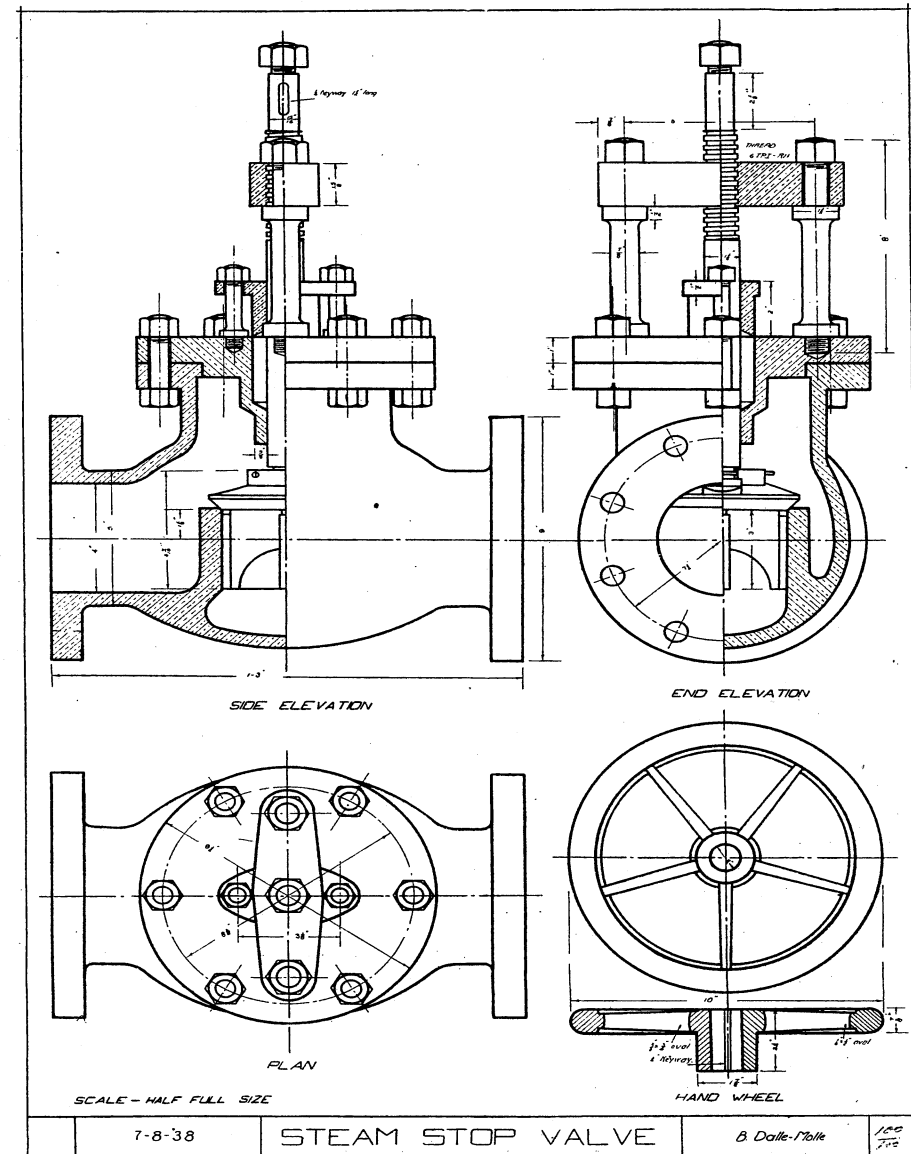
WATER POLO

Tech's team has had a very successful year. They are undefeated premiers for 1938 and have the right to hold the Shaw Cup for the ensuing year.

Prospects for next year are bright—Gapp and McKenzie have done much for the team, which has scored 49 goals to 12 scored against them. The younger players are showing promise and there will be keen competition for places in the team for 1939.



THE SCHOOL



Sample of Work by one of the Pupils.

The Turner Prize this year, the highest, general award the School has to give goes to our popular Captain, R. Cornalson. Congratulations, "Corney!"

The House Competition for 1938 has been finalised; Turner House wins with 229 Points, followed by McMullen (199), Williams (196) and Mackinnon (173).

Some very meritorious passes in the 1937 examinations:—

L.C. A Freeman, 3 Hon. (1) 1A 3B's; W. Collins, 2 Hon. (1), 1 Hon. (2) 2A's 2B's; A. Kaar, 3 Hon. (2) 1A 2B's; D. Shears, 3 Hon. (2) 2A's 2B's; S. Besley, 2 Hon. (1) 3A's 1B; R. Swain, 2 Hon. (1) 2A's 3B's.

I.C. 7A's—G. Murphy, S. Somerville.

6A's—D. Boadle, J. Carter, W. Costello, M. Foote, P. Lynbery, R. Oldfield, D. Sanders, L. Thompson, K. Wolfenden.



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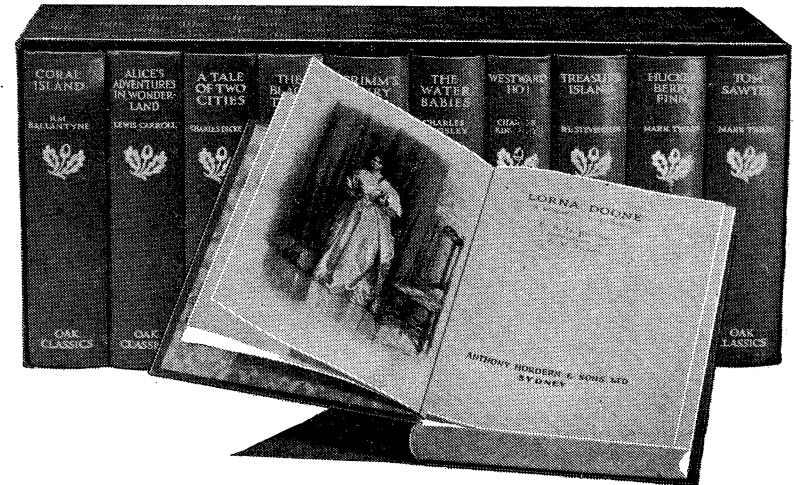
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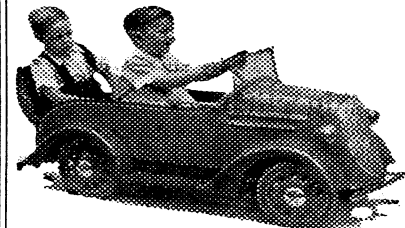
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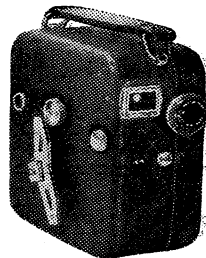
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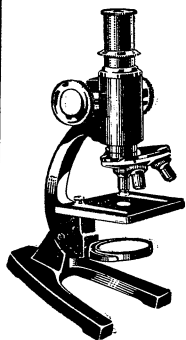
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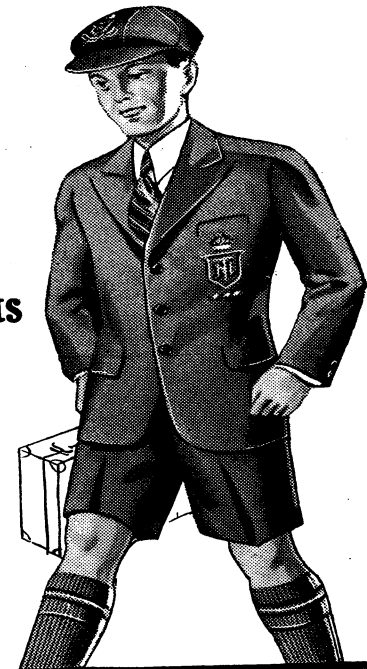
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