



SYDNEY
TECHNICAL
HIGH SCHOOL
JOURNAL

November 1934

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W.A.O. Size 4

9/6

Wicket-keeping Gloves—

8/6, 10/6, 14/6, 16/6

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9/6, 12/6, 15/— pair

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8/6 pair

*Write for fully illustrated Catalogue with
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W. A. OLDFIELD

LTD.

54 HUNTER STREET, SYDNEY

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SCHOOL DIRECTORY.

TEACHING STAFF.

Headmaster: M. Mackinnon, B.A., B.Sc.

Deputy Headmaster: J. P. Willmott, B.Sc.

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

Department of Mathematics: R. Golding, B.A. (Master); H. L. Watkins, B.A.; F. D. Harrison, B.A.; J. R. Perry, B.A.; H. Lowe, B.A.; H. W. Turner, B.Sc.; G. L. Cumming, B.A.; A. W. Castleman, B.Sc.

Department of Modern Languages: J. Gibson, M.A. (Master); A. Crausaz, LesL.; L. R. Bradley, B.A.; J. K. Allen, B.A.

Department of Science: J. P. Willmott, B.Sc. (Master); A. V. Luke; T. R. Mason, B.Sc., Dip. Ed.; W. L. Havard; A. W. Castleman, B.Sc.

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

Department of Metal and Woodwork: J. Nimmo; W. Cook; W. Mitchell.

Department of Music: Miss Thompson, L.A.B.

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

THE UNION COMMITTEE.

President: The Headmaster.

Vice-President: The Deputy Headmaster.

Sportsmaster: R. McCurley.

Hon. Sec.: L. R. Bradley. Hon. Treas.: H. L. Watkins.

Athletics: R. McCurley, J. Mumford, L. Shannon.

Cricket: R. Golding, J. McDonagh, J. Tooker.

Football: J. Mullinger, J. Greenhalgh, G. Kerslake.

Swimming: H. W. Turner, W. Sparkes, S. Rizzo.

Tennis: H. Fisher-Webster, R. Paterson, M. Ellis.

Library: A. W. Brown, K. Aubrey, A. Howarth.

Debating: J. Gibson, A. Banks, E. Picker.

PREFECTS, 1934.

A. W. Sparks (Capt.), D. Binstead, J. Beale, A. Banks, E. Black, J. Greenhalgh, D. Gunce, J. Gough, G. Kerslake, R. Martin, J. McDonagh, J. Macinante, W. Milthorpe, E. Picker, S. Rizzo, A.

Roper (Vice-Capt.).

LIBRARY.

Librarian: A. W. Brown.

Assistant Librarians: K. Aubrey, A. Howarth.

SCHOOL JOURNAL.

Teacher-in-Charge: W. H. Martin.

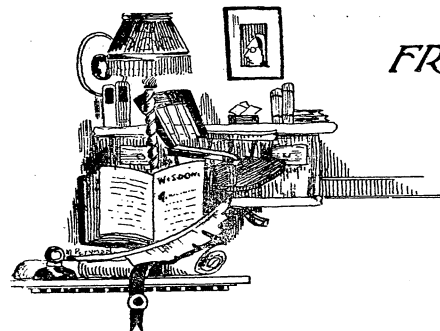
Art Editor: F. W. Atkins.

SYDNEY TECHNICAL HIGH SCHOOL JOURNAL

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No. 1



FROM THE

EDITOR'S
CHAIR

STAFF changes always seem a matter of great importance to the High School student. He realises how much those severed associations may mean to his future as well as to his present contentment. A change in Headmasters stirs the boyish mind still more. One could almost feel the hush that followed the definite confirmation of the flying rumour that Mr. McMullen would no longer govern the destiny of the school in 1934. To the more serious among us, it seemed sacrilege to picture another occupying the place of honour—to imagine another voice bidding us enter after our first timid knock at the old office door.

The associations of years clustered round us. We saw him on the rostrum congratulating winning teams or admonishing boyish misdemeanours. Speech Days of the past flashed across our minds, and the quiet dignity of that tall, grey figure clad in academic gown, awed us once more. We saw him on Sports Days seeking the solace of a friendly pipe, but with an interested eye following each event, ready to congratulate and encourage whenever the occasion demanded. How kindly those eyes could twinkle, and yet how stern they seemed at times!

But, with a certain wistfulness, we remembered again that all this was to belong to the past. All too soon our 'respected "Head" would have no place, no authority, no association, in our successes and failures. But then, we were wrong, weren't we? They talk glibly of tradition, of school spirit, but now we know what a force

our Headmasters really are in the school community. The true result of Mr. McMullen's work cannot be indexed or tabulated. It is deep in the hearts and lives of those with whom he came in contact, and often they are the least conscious of it. He raised the ideals of school life, and all unwittingly we raised our own to keep near his.

And so we bid "God speed," with the hope that the associations of the days that were may remain an abiding influence, and that we may prove worthy of them.

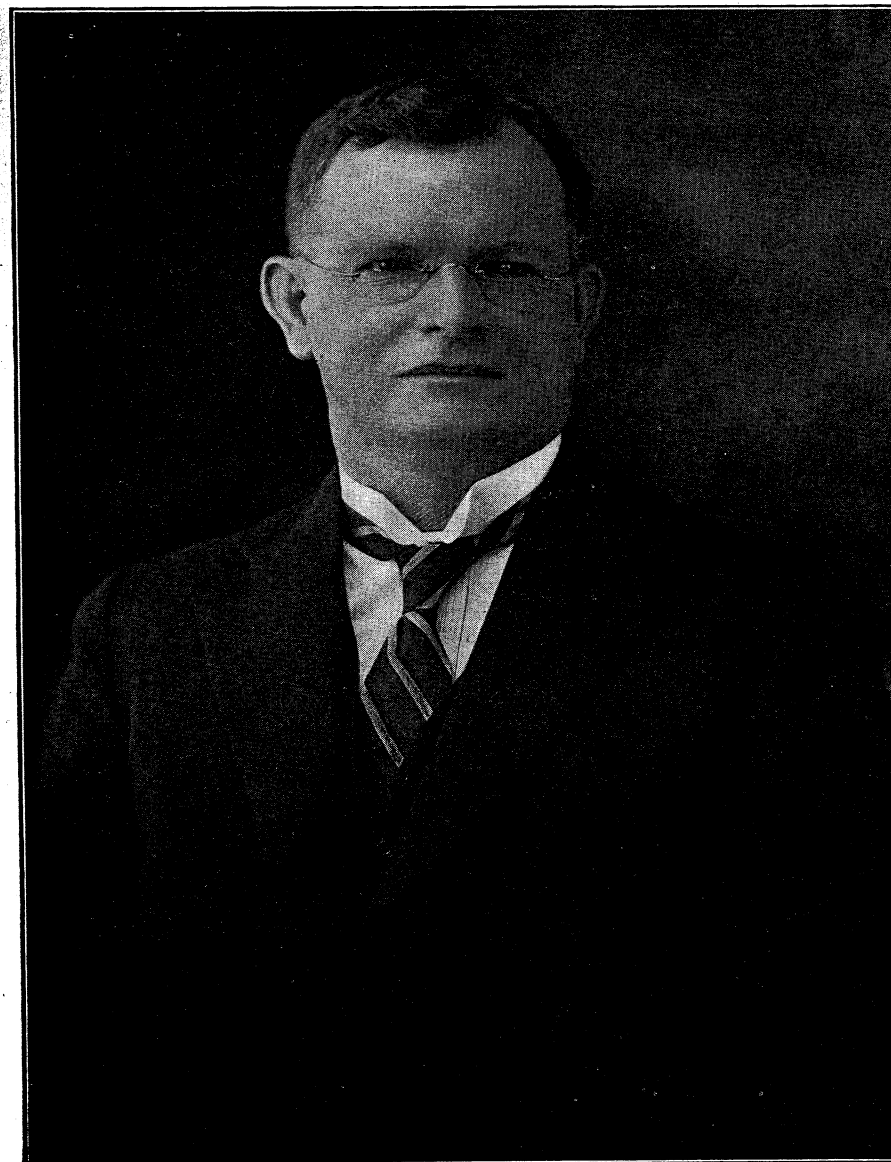
But such is the nature of things, that the very voice which bids "God speed" echoes a welcome to Mr. McMullen's successor in office. To our new Headmaster we offer, unreservedly, our loyalty and zeal. We trust and believe that the new associations that will gather around him will see still further progress along the pathway called Tradition. Mr. Mackinnon can be assured that "Tech." will rally around him and, guided by his forceful personality, turn to scale once more the heights that lead to success. Through the pages of its Journal, the School Community extends a warm welcome to its new chief, and trusts that, in its midst, he may never find cause for disappointment.

SCHOOL NOTES.

While elsewhere we record the farewells and welcomes that resulted from a change in Headmasters, we here officially record the event. Mr. F. McMullen, M.A., after guiding the policy of our school for some eight years, was transferred at the close of 1933 to the position of Headmaster of Sydney Boys' High School. We congratulate him on the traditional sense of "promotion" that belongs to appointment to the oldest High School in the State, and we trust that his sojourn in the land of the Philistines may be a pleasant one.

We offer our congratulations to our new Headmaster, Mr. M. Mackinnon, B.A., B.Sc., who comes to us from Maitland Boys' High School. The school community extends a warm hand of welcome to its new Principal and trusts that he may ever feel that he possesses the confidence and loyalty of all.

Our congratulations are extended to Mr. S. G. Keys, B.A., on his appointment as Headmaster of Mudgee High School. Mr. Keys was Deputy Headmaster and Master of English during 1933. We soon learnt to appreciate his earnestness and zeal, both for the



M. Mackinnon, B.A., B.Sc.

school he served and the literary subjects which we studied under his guidance. It was with no little regret that we severed our association with one whose kindly, though firm, disposition had won the respect of the whole school community.

Mr. W. Edmunds, B.A., our Science Master, was transferred to a similar position at Sydney High. We regret his departure but wish him every success in his new sphere.

Our congratulations are extended to Mr. A. Humphreys on his appointment as Assistant Supervisor of Manual Training.

Further depletions in our staff were caused by the transfer of Mr. C. E. Broome, B.Sc., to North Sydney Boys' High School; Mr. J. J. McQuillan, B.A., to Canterbury High School; Mr. P. McReady, B.A., to Bowral High School; Mr. I. H. Kershaw, B.A., to Parramatta Intermediate High School; Mr. L. G. Chapman, B.Sc., to Lismore High School; and Mr. C. C. Doyle, B.Sc., to Bondi. To all these gentlemen we bid farewell, expressing, as far as we are able, our sense of indebtedness to them for their services to the school.

To Mr. J. P. Willmott, B.Sc., our new Deputy Headmaster and Science Master, we extend a most hearty welcome. Already he has won his way into the heart of every member of the school. Perhaps the best tribute we can pay him is the one we overheard on the balcony the other day: "One of nature's gentlemen." A school boy could offer no greater praise.

The school extends a most cordial welcome to our new English Master, Mr. G. Barr, B.A., who comes to us from Orange High School. We trust that he will forgive us our deficiencies as we join him in a determined effort to raise our standards in English.

Mr. A. W. Brown, B.A., from Canterbury High School, has joined our staff in lieu of Mr. J. J. McQuillen; Mr. F. D. Harrison, B.A., from Canterbury High, and Mr. J. Perry, B.A., from Central Tech., have joined our Mathematics staff; Mr. A. Castleman, B.Sc., from Parramatta High, has joined the Science staff, while the successor to Mr. A. Humphreys on the Drawing staff is Mr. G. Parr, from Central Tech. To one and all we extend a most cordial if perhaps rather belated welcome.

Empire Day was celebrated at National Park in traditional style. Needless to say, it proved an outstanding success. Congratulations to Banks, Hill and Millthorpe upon the stirring speeches which they made. Our congratulations and thanks are also

extended to Choirmaster Barr for his services in the musical part of the programme.

After the official ceremony boating seemed the favourite pursuit, though it is rumoured that some members of the staff cast their lines into the water and caught—nothing!!

Our Athletic Sports proved a most successful function. The weather favoured us and the arrangements made by Mr. McCurley and the Athletics' staff reflect great credit upon the school organization. A pleasing feature was the large number of entries for each event. The class banners roused great enthusiasm and healthy rivalry, and we trust that they have now become part of the school tradition.

We congratulate our Debating Team on the fine showing they made against Sydney High School. Though unsuccessful, we trust that the experience gained will give them further confidence in the future. The school regards with pride all those who worthily represent her in inter-school contests.

The total number of passes in the Leaving Certificate Examination was 67.

Inquiry from the Education Department showed that, taking an aggregate for all papers, Clive Davis gained first place, Jack Reed second place, while Trevor Jeskie and Eric Wallbridge tied for third place in the School results.

The total number of passes in the Intermediate Certificate Examination was 95. The best passes, taking an aggregate of the best seven papers presented, were secured by Sidney Rosenbaum, Neil Pulsford, and Gordon Gerber.

Many of our students were privileged to attend the series of orchestral concerts arranged by the Australian Broadcasting Commission. The Commission is to be congratulated on this phase of their activity. Some of our seniors were also able to attend the lectures on the "History of Music," given by Dr. Edgar Bainton at the Sydney Conservatorium.

Our congratulations are extended to those of our number who competed successfully at the City of Sydney Eisteddfod and also in the recent musical examinations held at the Conservatorium.

During the year several interesting lectures have been delivered to our members. We have learned much about the dried fruits of Australia, pondered the problems of the solar system with the aid of

an orrery, and even considered patiently the advantages to be gained by joining a detachment of Sea Scouts.

On the authority of the Old Boys' Union, we offer our congratulations to Mr. James Yates, "who has achieved the unique distinction of being the first Old Boy to send a son to the Old School. His son, Stephen Yates, has been enrolled this year."

We offer our congratulations to J. Greenhalgh as winner of the Turner Prize for 1934.

Our thanks are due to Mr. J. Kingsford Smith, who offered flights in the Kingsford Smith Air Service Machines as prizes for the best machine drawings in fourth and fifth year. Warner and Clark were successful, and an account of their experiences appear elsewhere.

It is good to see Old Boys taking a practical interest in the School.

Parents will be interested in the reproduction on page 19 of a specimen of work actually done by a student in our senior year. It was not specially prepared for the journal. It was selected from the various drawings which formed part of the normal course on this subject. In subsequent issues we hope to publish further drawings representative of the work being done in class.

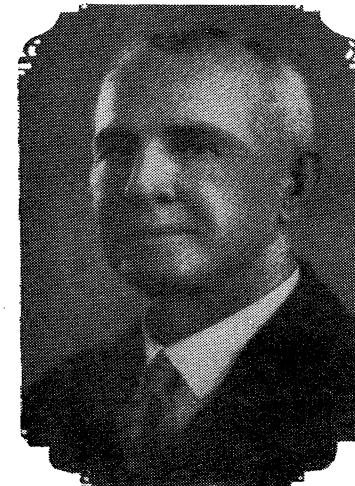
"WANDERLUST."

I've wanted, I've wished, to follow the track,
To carry my "bluey" and wander "out-back,"
To sleep in the open, beneath the bright stars,
Away from the city, the traffic, the cars!

I've longed, and I've yearned for the life with a pack,
And often I've thought, just to wander "out-back,"
To live close to Nature, the birds, and the trees,
To bask in the sunshine, enjoy the soft breeze.

E. ARCHER, 4A.

Our sincere sympathy is extended to the family of the late Ian Charles Easterbrook, one of our 1933 students, whose death occurred as the result of an unfortunate accident on the 4th July, 1934.



F. McMullen, M.A.

A FAREWELL MESSAGE FROM Mr. McMULLEN.

This is the first issue of the magazine since my removal from the Technical High School, and your Editor has asked me to write a message for you. This is not easy for I do not like the idea of "preaching" to you and also because I have been giving messages to the boys of the Technical High for several years, and the message of 1926 was just the same as the message of 1933. Now, in 1934, though no longer officially attached to the old school, I find myself about to put before you ideals that remain unchanged. The maxims of former days—"play the game," "develop the school spirit," "practise the golden rule"—are as appropriate to-day as ever. I cannot do better than urge you to realise these ideals which have, for years, been placed before you.

I have always found that the Technical High School boys, with very few exceptions, have lived up to these ideals in their games, and in their extra-class activities, but I have often wondered, and still wonder, whether they have been equally conscientious in observing them in regard to their obligation to their parents to make the best possible use of the great privileges they enjoy in being members of such a school. Boys who have attained a full appreciation of the meaning of the school spirit will find that its

influence is far spread. It includes your games, your studies, and your attitude towards your fellows and your teachers. Further, it will become a powerful factor in regulating your after life. I had this fact brought to my notice quite recently. I was greatly pleased with the action of an old boy of the school in circumstances where he might easily have erred. I took the first opportunity to congratulate him. His reply was, "Sir, that is what you always meant by school spirit, isn't it?"

Many of you boys will be completing your course in December. You are on the eve of a great adventure. You are leaving the small world of the school for a larger world outside. Do not forget that the boys of our High Schools should stand out from the mass. They should be distinguished by a broader outlook, a finer courtesy, a more tolerant spirit and a truer sportsmanship.

Now let me say something that I have certainly said to some of you before. I hope that you will keep alive among you the spirit of adventure—the spirit that will lead you to go out in the world and take a chance. Too many of our boys from the High Schools are seeking the safety and security of the Public Service, instead of carving for themselves a career in the world outside. This is not the spirit that led our fathers and grandfathers to leave the security and comfort of the homeland and venture forth to this vast empty Australia of ours to build up a new nation. It is not the spirit that enabled them to tame the wilderness, clear the forests, build the railroads and construct the harbours and lay the foundations of the greatness of our Australian Commonwealth.

I am not unmindful of the difficulties you will have to face. The years of depression have borne hardly on boys leaving school. The world is still feeling the tragic losses of the Great War. The economic and industrial troubles and uncertainty sometimes make the outlook very black. But we can remember that a century ago, after the Napoleonic wars, conditions appeared just as hopeless, yet there followed a period of unparalleled expansion and industrial development. Your job is to fit yourselves to take your place in the expansion which we hope is about to follow. You should supply the captains of industry. You will fail to achieve this high destiny if you are faint-hearted, and if seeking only security and avoiding risks you stand aside and make way for more courageous souls. But I do not fear, I have great confidence in the future of the school and its products and will continue to take a deep interest in all your activities.

F. McMULLEN.

Exchange copies are acknowledged from the following Schools:—
Maitland, Newcastle, Fort Street, Canterbury and Orange.

PUBLIC EXAMINATIONS.

LEAVING CERTIFICATE, 1933.

Allen, George William, 5B 6B 14B 23B.
Bates, William, 5B 8B 10A 23B.
Blashki, Victor, 1B 3L 5B 6B 10B 11L.
Booth, Edward Allen, 1B 5B 6B 10B 11L.
Brigden, Russell L., 1B 5B 6B 10L 23A.
Cameron, Colin E., 5B 6B 7B 17B.
Cameron, Douglas McBain, 1B 5B 6B 7B 10B 11L.
Carlill, Kenneth Mervyn, 1B 5B 8B 10B 14B.
Carter, Albert Horace, 1B 3B 5B 6B 7B 10A 11B.
Clark, Albert John, 1B 5B 8A 10B.
Clark, Rupert George, 5B 7B 10B 11B.
Coote, Donald Spencer, 5B 6B 7B 10A 23B.
Davidson, Neil Norman, 1B 8B 14B 23B.
Davis, Clive S., 1A 3B(o) 5A 6A(x1) 7A 10H1 11A.
Derwent, Sydney Conrad, 1B 5B 6B 8H2 10A.
Dive, Ronald Langley, 5A 6B 10A 23A.
Drever, John G. J., 1B 3B 5A 6B 7B 10A 23B.
Driver, Alfred Ernest, 5B 6B 10B 11B.
Erwood, Edwin Henry, 1B 5B 6B 10B 11B.
Fetherston, Reginald H., 1B 3L 5B 6B 10B 23B.
Finch, Franklin Charles, 5A 6B 7B 10H2.
Forgie, Robert Clegg, 5B 6B 7B 10B 23A.
Gerdes, Sydney, 3L 5B 6B 10B 11B.
Gilovitz, Samuel, 3L 5B 6B 7B 10A 11B.
Gordon, Ronald Macrae, 5B 10B 14B 23B.
Haddock, Ralph Thomas, 3B 5A 6B 7B 10B 23A.
Haines, John A., 5B 8B 10B 14B 23B.
Hayes, Eric V., 1B 5B 6B 7B 8B 10A 17B.
Hill, Ronald Arthur, 1B 3B 5B 6B 10A.
Hope, Thomas S., 1B 4B(o) 5A 6A 7B 10H2 23A.
Jeskie, Trevor R., 1A 4L 5A 6B 7A 10H2 11H1.
Lamy, Carl Frederick, 5B 6B 10B 23B.
Marks, Horace I. S., 1B 5B 10L 11B.
Matheson, Colin, 5B 6B 10B 11B.
McQuiggin, William Arthur, 5B 6B 7B 10B 11B.
Murray, Ernest John, 1A 5A 8B 10A 14B.
Neall, Charles James, 1B 5A 6B 8B 10H2 14B 23B.
Nielsen, Mervyn N. L., 1B 3B 5A 6B 10A 23B.
Northey, Alfred Jack, 1B 5B 6B 8B 10B 14B 23A.
Parkes, George Turnbull, 5A 6A 7B 10H2 11A.
Pausey, George Eric, 5B 6B 10B 11L.
Pickett, Arthur Sydney, 5B 10B 14B 23B.

Placing, Walter Alfred, 1B 5A 6B 7B 10H2 11A.
 Prichard, Richard Sydney, 5A 6B 7B 10A 11A.
 Pugh, Neville Stuart, 1B 5B 6B 7B 10B 23B.
 Reed, Jack Wilson, 4B 5A 6A(x2) 7A 10H2 11A.
 Ridge, James Nicholls, 5B 6B 8B 10B.
 Roberts, Gordon, 1H2 3B 5A 6A 7A 10A 11B.
 Rooke, Desmond, 4B 5B 6B 7A 10H2 11A.
 Royer, Frederick John, 1B 5A 6B 10A 11L.
 Saunders, Russell Lewis, 5B 6B 10B 11L.
 Sculley, Edward Stewart, 1B 5B 6B 23B.
 Searle, Reginald Charles, 5B 6B 7B 10A 11A.
 Sherrell, Allan Edward, 5B 8B 10L 14B 23B.
 Smith, Albert George, 1B 3B 5A 6B 7B 10A 23B.
 Spencer, Jack Colless, 5B 6B 10L 23A.
 Taylor, Percival Andrew, 5A 6B 7A 10A 11H2.
 Tuck, Albert Thomas, 5A 6B 10L 11B.
 Tulloch, Charles, 1B 5B 6B 10B 23B.
 Wallbridge, Eric S., 1A 3B 5A 6B 7B 10A 11H1.
 Walsh, Vernon Alfred, 3B 5B 6B 10B 23B.
 Warner, Jack, 1B 3L 5A 6B 7B 10H2 23B.
 Weldrake, Robert, 5A 6B 7B 10B 23A.
 West, John Sydney, 5A 6B 10B 14B 23B.
 White, Donald N., 1B 6B 8B 10A 23B.
 Winward, Jack, 1B 5B 6B 8B 10B 23B.
 Wood, Leonard Bronte, 1B 5B 8B 10B 23B.

The numbers following the names indicate the subjects in which the candidates have passed, in accordance with the following statement: 1, English; 2, Latin; 3, French; 4, German; 5, Mathematics I; 6, Mathematics II; 7, Mechanics; 8, Modern History; 9, Ancient History; 10, Physics; 11, Chemistry; 23, Technical Drawing.

The letters "H1" signify first-class honours; "H2" second-class honours; and "L" a pass at the lower standard. The sign "x" denotes an honours pass in Mathematics.

INTERMEDIATE CERTIFICATE, 1933.

Ames, James C., 1B 2B 5B 7B 11B 17A 18A 19A.
 Archer, Eric D., 1B 2B 4B 5A 8B 11A 17B 18B 19A.
 Armstrong, Andrew, 2B 5B 7A(o) 11B 17B.
 Ashby, Peter, 1B 2B 4B 5B 11A 18B.
 Barber, Jack A., 1B 2B 4B 5B 7B 11B 17A 18B 19B.
 Barrett, Robert W., 1B 2A 4B 5A 11A 17B 18B.
 Batt, Arthur H., 1B 2B 4B 5B 11A 17B 18A 19A.
 Beattie, D. R., 1B 2B 4B 5B 7B 11A 17A 18A 19A.

Begg, Bruce, 1B 2B 4B 5B 7B 11A 17B 18A 19B.
 Bellingham, F. F., 1B 2B 4A 5A 7B 11A 17A 18B.
 Bolton, Alan C., 1B 2B 4B 5B 7B 11A 17B 18B 19A.
 Booker, Jack E., 1B 2B 4B 5A 11A 18A 19B.
 Boyle, R. J., 1B 2B 4B 5B 7B 11B 17A 18B 19B.
 Bremner, William S., 2B 11B 17B 18A 19A.
 Bremner, Colin A., 2B 11B 17B 18B 19A.
 Bubb, L. C., 1B 2B 5A 11B 17A 18A 19A.
 Cain, Clarence, 1B 2B 4B 7B 11B 18B.
 Carrucan, J. T., 1B 2A 5B 7B 11B 17A 18B 19A.
 Clark, A. E., 1B 2B 5B 7B 11B 17A 18B 19A.
 Clark, Raymond, 1B 2B 4B 5B 11A 17A 18B.
 Cooper, Ronald C., 1B 2B 5B 7B 11B 18B.
 Cordwell, Harold, 1B 4B 5B 11A 17B 18B.
 Cunningham, A. S., 1B 4B 5A 7B 11B 17B.
 Dan, Nicholas, 1B 2B 4B 5B 8B 11A.
 Doerner, Owen D., 1B 2B 5B 11B 18A 19B.
 Downes, R. C., 1B 2B 4B 5A 11A 17A 18A 19A.
 Duffin, Kenneth I., 1B 4B 5B 17B 19B.
 Duggan, Charles, 1B 2B 5B 11B 17B 19B.
 Duncan, Alan K., 1B 2A 5B 11A 19B.
 Eager, Bruce, 1B 2A 4B 5B 11A 17B 18B 19B.
 Elphinston, Jack, 1B 2B 4B 5B 11B 18B.
 Fergus, Alex. W., 1B 2B 4B 5A 7B 11B 17B 18B 19B.
 Fewtrell, Keith B., 1B 2B 4B 5B 11B 18B.
 Finlay, D., 1B 2B 4B 5B 7B 11B 17A 18B 19A.
 Fowler, A. J., 1B 2B 4B 5A 11B 17B 18B 19A.
 Gerber, C. P., 1B 2B 4B 5A 7B 11A 17A 18A 19A.
 Gerber, G. B., 1A 2B 4A 5A 7B 11A 17A 18B 19A.
 Greig, Roy J., 1B 2B 5B 11B 17B 18A 19B.
 Hall, W. H., 1B 2B 4B 5B 7B 11B 17B 18B 19B.
 Hamilton, E. P., 1B 4B 5B 11B 17A 18A 19A.
 Harris, H. H., 1A 2A 4B 5A 7A 11A 17B 18A 19B.
 Harris, W. L., 1A 2B 4B 5B 7B 11B 17A 18A 19B.
 Henderson, D. C., 1A 2B 4B 5A 8B 11A 17B 18B 19A.
 Hogg, W. J., 1B 2B 4B 5B 11A 17A 18B 19A.
 House, Edgar H., 1B 4B 5A 11A 17A 18B 19A.
 Humphreys, K. O., 1B 2A 4B 5A 7B 11A 17A 18A 19A.
 Jenkins, E., 1A 2B 4B 5B 7B 11B 17B 18A 19A.
 Jones, L. C., 1A 2B 4B 5A 7B 11A 17B 18A 19A.
 Kaye, Ronald, 5B 11B 17B 18B 19A.
 Lopez, James A., 1B 2B 5A 7A 11A 17A.
 Lumb, Thomas P., 1B 2B 5B 11B 19B.
 Macdonald, R. L., 1B 2B 7B 11B 17B 18B 19B.
 Mackay, Alan A., 1B 2B 5B 9B 10B 17B.
 Madigan, R. B., 1A 2B 4B 5A 7B 11A 17A 18B 19B.
 McFarlane, J. H., 2B 4B 5A 11A 17B 18B 19A.

McFarlane, Roderick M., 1B 2B 4B 5B 7B 11B.
 McKnight, Jack A., 1B 2B 4B 11A 18B.
 Michell, J. B., 1B 2B 4A 5A 7A 11B 17B 18A 19A.
 Onus, Nicholas, 5B 11B 17A 18A 19A.
 Pearce, W. E., 1A 2A 4A 5A 7A(o) 11A 18B 19B.
 Perlstein, Gerald W., 1B 5B 11A 17B 18B.
 Plavin, Alexander, 1A 2A 5A 8A(o) 11A.
 Pocock, Laurence A., 1B 4B 5B 11B 17B 18B.
 Potter, William C., 1B 2B 4B 5B 11A.
 Powys, R. L., 1B 2B 4B 5A 7B 11B 17A 18A 19B.
 Pulsford, N. R., 1B 2B 4A 5A 7B 11A 17A 18A 19A.
 Reynell, Arthur E., 1B 2B 7B 11B 17B.
 Robson, James C., 1B 2B 5B 11B 18B.
 Rosenbaum, S., 1B 2B 4A 5A 7A 11A 17B 18B.
 Sadler, Royston G., 1B 2B 5B 11B 18B.
 Shields, E. V., 1B 2B 4B 5A 11A 17B 18A 19A.
 Sinclair, D. C., 1A 2B 4B 5A 7B 11A 18B.
 Skinner, Ronald A., 1B 2B 4B 11B 18B.
 Slade, Neville, 1B 2B 11B 17B 18A 19B.
 Sloman, Geoffrey H., 1B 2B 4B 5B 7A(o) 11A.
 Smith, S. W., 1B 2B 4B 5B 11B 17B 18B 19B.
 Stammers, Cliff, 1B 2B 7B 18B.
 Stanley, G. M., 1B 2B 4B 5B 7B 11B 17B 18B 19B.
 Starrett, Edward B., 1B 2B 4B 5B 11B 18B.
 Stewart, R., 1A 2B 4B 5B 7A(o) 11A 17B 18A 19A.
 Summerhayes, C., 1B 2A 4A 5A 11A 17B 18B 19B.
 Swinbourne, A., 1B 2B 4B 5A 7B 11A 17B 18A 19A.
 Turner, G. D., 1B 2B 5B 11A 17B 18B 19B.
 Vercoe, E. M., 1B 4B 5B 7B 11B 17A 18B 19B.
 Verdich, Allan, 1B 4B 5A 11A 17A 18A 19A.
 Vernon, E. M., 1B 4B 5B 11B 17B 18A 19B.
 Wanstall, H., 1A 2A 4A 5A 7A(o) 11A 18B 19B.
 Watson, D. A., 1B 2B 4B 5B 11B 17B 18B 19B.
 Webb, Henry L., 1B 2B 5B 11B 18A 19B.
 Wells, Vincent G., 1B 4A 5A 7B 11B.
 Whitham, F. Y., 1B 2B 4B 5A 8B 11A 17A 18B.
 Williams, B. L., 1B 2B 4B 5A 7B 11A 17B 19B.
 Wilson, Ronald R. L., 1B 2B 5B 11A.
 Worwood, J. I., 1B 2B 4B 5B 7B 11B 17B 18B 19B.
 Wright, E. W., 1B 2B 4B 5A 7A 11A 17B 18B 21A.

The numbers refer to the following subjects: 1, English; 2, History; 3, Geography; 4, Mathematics I; 5, Mathematics II; 7, French; 8, German; 11, Elementary Science (Physics and Chemistry); 17, Technical Drawing; 18, Woodwork; 19, Metalwork; (o) denotes a pass in an oral test in French or German.

In each subject there are two grades, A and B, the A being the higher.



THE STAFF, 1934.

Back Row: Messrs. L. G. Chapman, A. W. Brown, I. H. Kershaw, G. L. Cumming, J. Nimmo, J. F. Ryan, W. Cook, J. K. Allan, W. Mitchell, W. L. Havard, J. W. Mullinger, F. D. Harrison.

Second Row: Messrs. J. Nickal, H. Fisher-Webster, A. Crausaz, H. L. Watkins, T. R. Mason, H. I. Lowe, W. H. Martin, L. R. Bradley, H. E. McGregor, G. Parr.

Front Row: Messrs. H. W. Turner, G. Barr, R. Golding, J. P. Willmott (Deputy Headmaster), M. Mackinnon (Headmaster), Miss Thompson, Messrs. J. Gibson, F. Atkins, R. McCurley.

SYDNEY TECHNICAL HIGH SCHOOL OLD BOYS' UNION.

Patron:

M. Mackinnon, B.A., B.Sc.

President:

J. Stone, Esq., A.I.C.A.

Vice-Presidents:

Messrs. F. Atkins, F.T.C., J. Bradley, B.A., P. Willmott, B.A.,
R. McCurley, Dip. A.P.S.

Hon. Sec.: Mr. C. Cox.

Asst. Hon. Sec.: Mr. H. McCormac.

Committee:—Messrs. L. Barton, F. Higgins, J. Jones, T. Bowey,
H. Weeks, R. Cooper, B. Thompson, W. Cridland, A. Crewes,
R. Kerr and J. Spencer.

University Rep.: Mr. R. Fox. **Tech. College Rep.:** Mr. W. Smith. **Teachers' College Rep.:** M. Les. Bayman.

The Old Boys' Union has been in existence since 1915 and a brief résumé of the activities of the Union will probably prove enlightening to present students, who are perhaps only vaguely aware of the objects of a body which is continually working earnestly and unostentatiously for the welfare of the old school.

Briefly, the object of the Union is to further the interests of the school, whilst providing opportunities for social intercourse and promoting the welfare of Old Boys generally.

The good name of the school is perpetuated by the Union and the associations of schooldays become the friendships of business life. A common meeting ground is provided and a programme of social activities arranged which, circumscribed in most cases by the other interests of members, is sufficiently comprehensive to ensure a continuity of interest.

Circulars regularly supply to each member information of forthcoming functions and of the activities of Old Boys in the public eye, whilst not neglecting the students of to-day. The social programme includes dances, theatre parties, launch excursions, monthly luncheons and the annual dinner, etc., whilst sporting activities comprise tennis, cricket, football and golf matches.

The subscription to the Union is merely nominal (2/6 per year) and fifth year students and all others who purpose leaving at the end of the year are advised to communicate with the Hon. Secretary (see School Notice Board for details), advising their addresses, and a membership form will immediately be forthcoming.

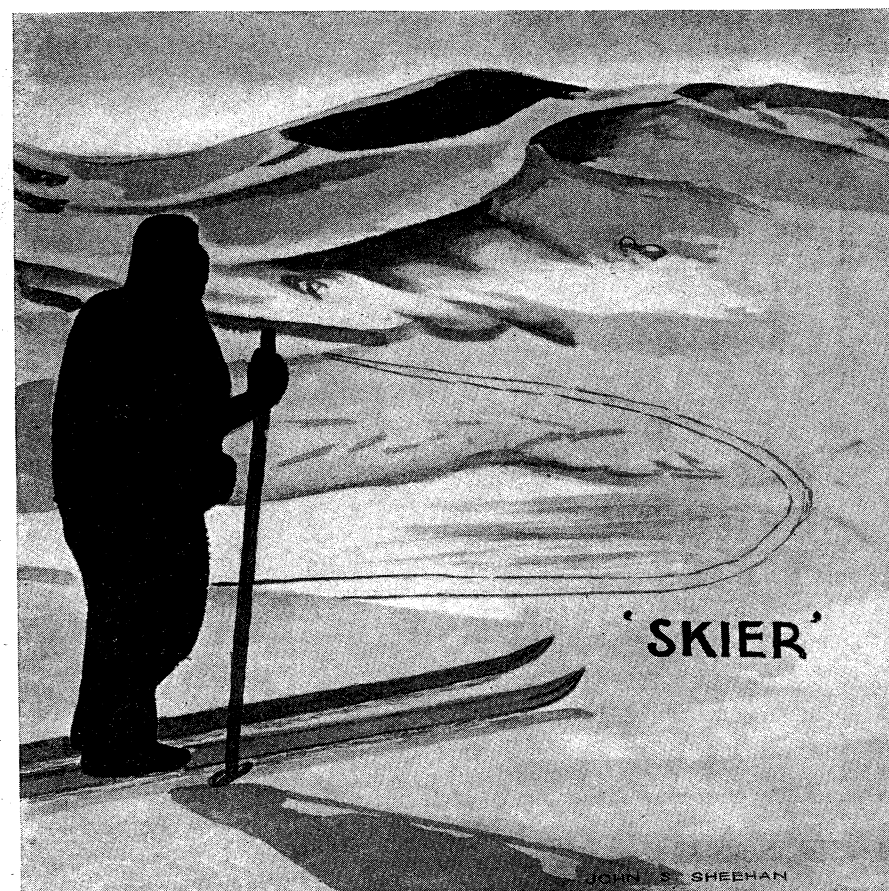
Although when schooldays are left behind new interests appear, and other associations call with growing insistence, it is always pleasant to meet old school friends and the sentiment attaching to the school is always peculiarly agreeable—hence it should be the desire of every Old Boy to aid in the preservation of schoolday comradeship and the cultivation of a just sentiment for the school by joining the Old Boys' Union.

C. H. COX, Hon. Secretary,

'Phones: Office: B 06, Extension 2406
(after 4 o'clock)

Survey Branch,
Registrar-General's Dept.,
Sydney.

Private: FW 3463.



OUR FIRST FLIGHT.

(Note: Mr. J. Kingsford Smith offered prizes of aeroplane flights for the best machine drawings in fourth and fifth years.)

Through the kindness of Jack Kingsford Smith we were enabled to make our first flight on Saturday, June 2, 1934.

In spite of the changing conditions of the weather we proceeded to Mascot by car, hoping for the best. Having arrived at the Kingsford Smith Air Service hangar we inspected the half-dozen 'planes that were there, including the Australian-built "Codoek" and the "Southern Cross," the latter having been remodelled into a pleasure 'plane carrying about fifteen or twenty passengers.

Our pilot, Jack Kingsford Smith, the cousin of Sir Charles, had meanwhile made ready a De Haviland Moth, two-seater, dual-controlled 'plane.

Jack gave me the leather cap and goggles and explained that I could speak to him through a tube if I wished to. I took my seat in front and we were soon taxi-ing along the ground to face the wind. Suddenly the engine roared and the 'plane shot forward, leaving the ground almost before I realised it. We ascended rapidly, turning round towards the city. I noticed that my range of vision had increased enormously and that the buildings and landscape beneath were rapidly becoming smaller.

We flew over the city at a height of about three thousand feet, the cars below seeming but an inch long, while people appeared as moving dots. One becomes very confident while in the air, the 'plane appearing to move very slowly and steadily. We were now over the bridge and obtained a fine view of the harbour beneath. Soon Jack began to make the 'plane plunge up and down, giving me the sensation of being left in the air while the 'plane sank down and flew underneath me; but all the time I was enjoying myself immensely.

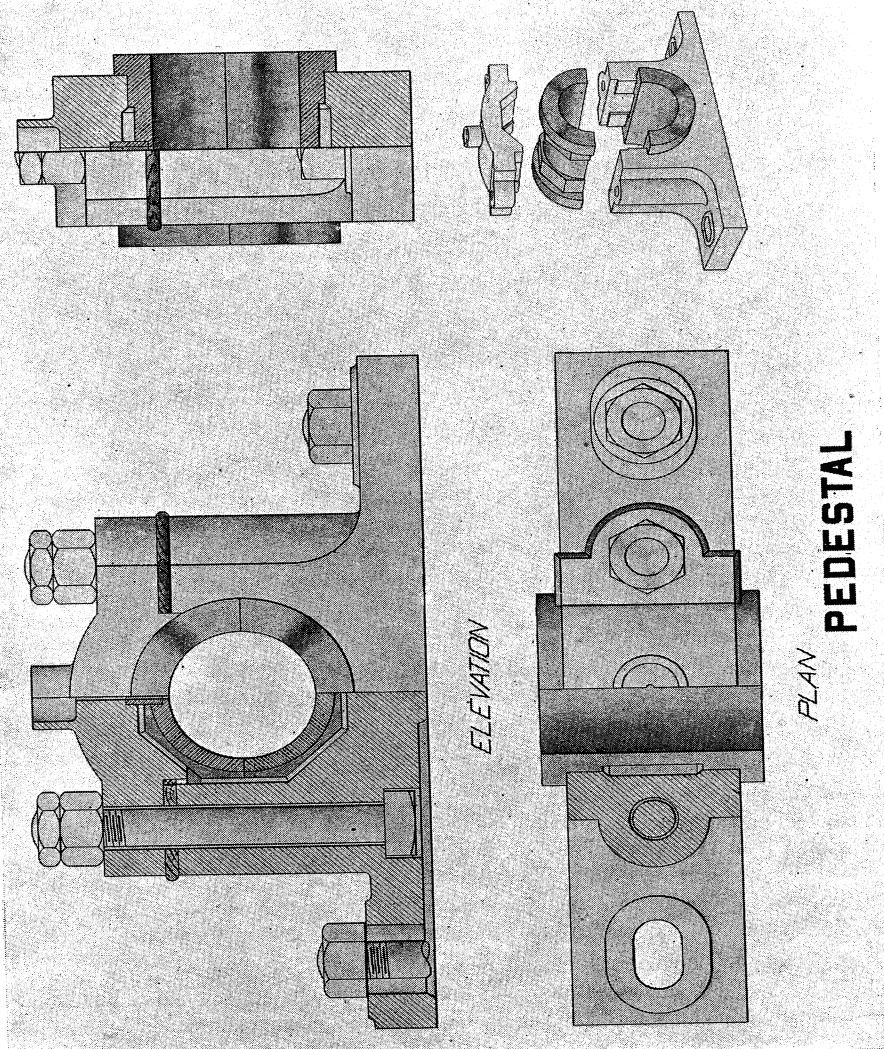
Then we banked round and proceeded on our way to Manly, where we turned once more, coming back over Balmoral. As we flew over the harbour again I could see the very harbour bed, which looked light close into shore, or where it was sandy, and darker where it was muddy or weedy.

It was not long before we were back over Mascot, and, having circled round we glided down to earth, making a perfect landing.

Although taken up separately, we both had practically the same experiences and the same trip. Having thanked Jack Kingsford Smith for his kindness we were soon riding home talking over the sensations of flying.

J. WARNER, 5A.

S. CLARK, 4B.



Machine Drawing.

A. Hake, 5A.

DEBATING.

This year considerable interest in debating was shown by fifth year pupils. A large number of boys took part in speeches and debates held to assist in selecting speakers for Empire Day, as well as a team to compete against Sydney High School in the first round of the Hume Barbour Debating Competition. The three Empire Day speakers, A. W. Banks, J. L. Hill and W. Millthorpe, acquitted themselves excellently and maintained the high standard of oratory of previous years.

After mature consideration four speakers were chosen to represent the school against Sydney High: A. W. Banks (leader), E. Picker, A. Mackay and J. L. Hill (reserve). In spite of careful preparation and a fair standard of ability on the part of our speakers, the school team was unsuccessful in the debate with Sydney High on the subject: "Compulsory military training should be re-introduced into Australia." Consolation may be found in the fact that the two teams were almost equal, Sydney High winning by only a few points. Speakers on both sides were inclined to depend too much on the written word. It would be a decided improvement if all debaters in competitions were required to speak without notes.

To make debating successful more practice is required. Debating must be spread over a greater part of the year. We hope that present fourth year boys interested in debating will respond to the call early next year.

J. GIBSON.

THE BOYS' RAILWAY CRUISE—MAY, 1934.

We have all experienced enjoyment at the thought of a holiday in view at some time or another, and a particularly happy crowd of boys assembled at Central Station one Sunday night in the last May holidays for a train "cruise" to Australia's capital, Canberra, and to the irrigation area of New South Wales.

Although we had sleepers on the train very few boys thought of sleeping the first night, and long before daylight all were up and dressed, eager to catch glimpses of the countryside over which our special train raced. The civic reception and welcome at Canberra, which we toured on the first day, was just one of the welcomes we received at every town through which we passed.

The idea that Canberra is one big large city is entirely misleading, for, like Sydney, it has its suburbs, only on a smaller scale, but there is no suburb of Canberra itself. A feature of

Canberra is its historic Anglican Church, St. John's, and the new Presbyterian Church recently opened, while the pine forest and the famous Yarralumula nursery are wonderful establishments. The Prime Minister, Mr. Lyons, welcomed us to Canberra at a short address in Parliament House, which we later inspected and examined with great interest. The visit to Red Hill, from whence a wonderful panoramic view of Canberra is obtained, and the enjoyable evening at the Capitol Theatre, Canberra, brought to a close a very interesting and enjoyable day.

Travelling by night we reached the town of Yass in time for breakfast. But we were not to stay here, we were bound for Burrinjuck Dam. Any inconveniences we experienced on the trip out in lorries from the dust was well repaid and rewarded by the inspection of one of our wonderful engineering achievements, Burrinjuck Dam. The officials and employees were very instructive, both at the dam and the power house, and for our benefit the sluice gates were opened and for the first time we realised the enormous force of water the dam was forced to hold back.

The "young" town of Griffith, in the heart of the irrigation area, is one of the most progressive of country towns, probably made famous by its main street, Banna Avenue. The walks to Griffith packing sheds, Penfold's winery and a citrus orchard were thoroughly enjoyed. Under the guidance of Mr. McCurley, who accompanied us on all our excursions throughout the trip, the boys of our carriage enjoyably passed their time by indulging in community singing, and had we been together long enough we would have made a name for ourselves.

Scenic Hill, Griffith, provides one of the most unique views of Australia. Looking down from the top of the hill the flat country provided an awe-inspiring spectacle. As far as one could see the green plains and citrus orchards were interspersed with rice fields ready for harvesting. A visit to a rice field taught most of us much about rice growing, concerning which we had before been ignorant; and at an illustrated lecture at night we were further enlightened on the irrigation system.

On the fourth morning we breakfasted at the Cannery Dining Rooms, Leeton, which was followed by a tour of the canneries and a butter factory, and the inspection of a prize herd of Jersey cows. Yanco Welfare Farm and the Yanco Agricultural High School, with its beautifully kept grounds, were in themselves sufficient for an afternoon's enjoyment. Only once were we jealous—when Mr. McCurley suffered two young ladies to submit to his company throughout dinner.

After attending the picture theatre we departed for Harden. The model farm, "Linden Hills," Cunningham, owned by Mr. Stocks,

occupied the whole morning. The shearing of sheep, the dressing of a carcase, and the antics of a pet kangaroo, passed all too quickly. The picnic lunch over, we boarded the train and arrived at Goulburn in time for a visit to the Soldiers' Memorial and a tour of the town.

The evening's entertainment at the Empire proved popular and next morning, Saturday, our last day, we went to Moss Vale, Bowral, and visited the historic Berrima Gaol, that grim, silent echo of the past, a relic of the convict days. On the trip from Moss Vale to Sydney after lunch final preparations were made for the departure from "our temporary home" and the many farewells to those with whom we had made friendships. Each one treasured the memories of what had most interested and impressed him, and recalled the pranks played in our carriage.

We cannot praise Mr. McCurley too highly. He proved a wonderful success and made himself just one of us—an attitude which was appreciated by all.

A STUDENT TELLS HIS STORY.

(With apologies to Lamb.)

Teachers are the sculptors of the Human Race!

Be not amazed mes chers lecteurs that such a profound piece of philosophy should penetrate through the dense upper strata of my being. You who, in my younger and more frivolous days, when I have erred from the straight but narrow path, and have strayed in my juvenile ignorance on to the "primrose way to the everlasting bonfire," you, I say, who have heard me remark most vehemently that teachers were a bane on my life, a mote in my eye, a fly in the ointment (for further gruesome details, read Lamb's essay "Poor Relations"), I will ask you, most humbly, to forgive me my lapse into iniquity.

I see all now in the cold, calculating light of reason. No, Sir Francis, do not disturb the serenity of your mummified being by revolving in ecstacy in your grave. Have pity on the poor earthworms. I assure you quite candidly that I did not confide in my friend. Moreover, if I were to write down his opinion of teachers in general, and some in particular, the conflagration would be so great that it would penetrate through the ages, and you would undergo the warm elation of cremation. This latter piece of philosophy was not an attempt at poetry. For now that the wool has fallen from my eyes (not, I venture to say, through shaving), now that "I tosseth my thoughts more easily, and marshalleth them more readily, and waxeth wiser than myself," my heart emits such waves of joyous emotion that my whole body moves in per-

fect rhythm. Like the happy hiker Hazlitt (this is a fine example of onomatopœia, wherein one hears the panting of the worthy fellow), "I laugh, I run, I leap, I sing for joy."

With due moderation this is the same feeling that overwhelms me, when I submit to that drastic exercise known as "physical jerks." Incidentally, whether it is the vein of originality or the unconventionalism that enthuses me, I know not, but this I know: Whatever this "inherent weakness" (all rights reserved) may be, I cannot keep in step nor can I move in unity with my fellow-partners in crime, in that torment known as physical culture; but I must needs bend, stretch, leap double, just as the rhythm, the music of my soul moves me. Is it any wonder then, that I fall foul of the drill-master?

That is the one fault I find with schools. (No, I don't mean drill-masters.) In these shrines of youth, the power of originality is lacking. I have tried to cultivate my talent in that direction in the laboratory, with disastrous effects. So original were my schemes that the test-tubes, the burettes, in fact every representative of the chemical apparatus wilted before them, and incidentally so did my pocket-money.

Dear me, can it be that I, like so many unfortunate essayists before me, have suffered the ignobility of a digression? Can it be that I have dared to rival Lamb in the length of my parentheses? Be it as it may I must apologise to you, my dear reader, for leading you over the tortuous ways of this essay, and I hope you will bear in mind the old adage: "The longest way round is the sweetest way home." As long as you do not have the brazen effrontery to read this essay during school hours, this saying will hold good. Otherwise you will find that, marching round the playground after school "under the execrable tyranny" of the "callow" prefects will give you a sour outlook on life, and will not decrease the journey home.

Well, I have made a vow to bring this essay to a sweet but, what I feel sure my readers are longing for, a quick conclusion, so I will finish with a final burst of eloquence. Should you ever wish to feel my enthusiasm for school and teachers, there is but one method. Take 5A's fine example and "Get down to work."

J. L. CARRICK, 5A.

SLEEPERS.

"Curly! Come up, Curly! Wee-ya, whoa-woopti-ie Plum! Wee-ya whoa! whoa! whoa!" Scrambling and sliding, the team swung round on the near-side leader, and halted, eyes starting from red-

rimmed sockets, dusty sides heaving. Their breath coming in painful grunts, the team rested. The bullocky leaned on the six-foot stock of his whip, wiping the sweat and dust and flies from his face, cursing as he found a leech burrowing into his arm; cursing likewise the thoughtlessness of sleeper-cutters, when they did their work in inaccessible places.

His "offsider," hearing, only grinned. He knew the bullocky—knew he could work his team on a hillside, where a man could not retain his footing. Yelling like a demon, dancing about in a cloud of dust, losing his balance on the treacherous slope, he was ever able to rouse his team to its utmost effort, with the writhing lash of his whip. Fear of that whip kept the beasts moving. Its mood was the team's mood. When it danced in its fury—cracking like the dead limb of a tree breaking short in a storm—hissing through the air, hovering like a mystic wraith in the dust clouds, raised by the shuffling, cloven hooves of the labouring bullocks—then did the beasts burst their hearts, and strain their uttermost, to haul "jinker" or "snig," as he who held that whip dictated.

On the open road, with empty jinker rolling easily along at the end of the day's work, the occasional flick of that magical lash caused no fear, but rather a feeling of content.

"One more 'snig' now," Lance, the bullocky, grunted to his offsider. Straightening up, he turned to his team.

"Plum, Curly, whoa-back Plum, Star! Tiger! come up, you old mule Nigger! whoa-back." Calling in turn to each of his team, he moved it down the slope, the bullocks bracing themselves against the descent; sliding and clambering; twisting sideways, their necks bent in the yoke, whilst ever about them sneaked the guiding whip.

Down this steepest slope they clambered, and then sharp to the left, with but a thin line of brush separating them from a hundred-foot sheer drop to a rocky floor below.

Don, the cutter, hummed a light tune to himself as he paused for a moment to cool himself in the breeze that ever blew out from the valley. At last, his long-awaited moment was within reach. For months now, he had been felling trees, sawing them into eight-foot lengths, splitting those lengths into "billets"—wedge-shaped blocks big enough to contain a sleeper—roughing them out with wedge and hammer, and smoothing off the finished sleeper with the broadaxe. He had been careful with this lot. Bad luck had dogged his path all the years he had been cutting. Despite his utmost efforts, the bulk of his work was classed as second grade. Sometimes it was "watery grain"; other times, further defects in the timber had reduced the value of his sleepers to half

that of a first-grade timber. His work had been perfect, but he could not pick his trees. When he "tapped" the living tree, the "drumming" of a hollow timber oftentimes sounded to him as the "rattle" of a sound one. But this time, fortune had favoured him, for, of all his six hundred odd sleepers, compiled through shortage of haulage, his practised eye could find scarcely any defective members.

Awakened from his dream of fortune by Lance's grunted remark: "Nice safe place you pick, I'll say"; he again began his descent to where the last five of his sleepers lay. The rest had been hauled to the summit of the hill, to where the jinker stood, in "snigs" of six sleepers.

The team reached the bottom in safety. Don and the swamper piled the sleepers, passed the chain around them, connected up with the coupling link, and the team began its last ascent.

Scent of Eucalyptus and bruised undergrowth—so strong as to be almost unbearable, mingled unharmoniously with the stench of sweating bodies, as the bullocks strained in their yokes, goaded on by that whip, terrible in the hands of Lance, whilst the swamper kept the polers up to the mark by belting them with any solid lump of wood that came to hand.

The bullocks strained in their yokes, stark fear gleaming from their bloodshot eyes; falling to their knees; scrambling over rocks; ever fighting for a foothold, long streams of froth slavered from their mouths. Fawny sides heaved convulsively. Blood, congealed in places, made an ugly, fly-infested mess of the crushed horn of a gaunt beast that had crashed into a tree. But still the team strained, fighting to haul their burden.

Don worked furiously with a handspike, guiding the "snig" clear of any obstructing stump or rock. Once he slipped and fell on the treacherous slope, and the sleepers got away from him, and crashed into a boulder, forcing one timber nearly out of the chain. Lance was all for repacking the heap, but Don said: "It'll hold," and went on nursing his injured knee. Once again the team began its toilsome ascent, the sleeper slipping inch by inch from the chain.

The team reached the top, and the "snig" still held. Now the sleepers were just on the brink. The swamper turned with a sigh of relief that the timber had not slipped. Suddenly, a call came from Lance: "Mind that stump." There followed a thump, and the sound of wood sliding on wood. With a protesting groan, the chain yielded, and the "snig" was free, the heavy sleepers sliding with ever-increasing momentum down the track.

"They're gonners!!" The words froze on the bullocky's lips, for there, right in the path of the careering sleepers, was Don, the cutter.

It was over in the fraction of a second—a dull thud, a crashing of scrub, as the screen of bushes on the edge of the cliff suddenly parted, far below, a sickening crash, and then—silence . . .

Lance broke the hush after some moments. "Don cut five sleepers too many!" he muttered.

That was all, for the bushman, and especially he who would wrench his living from the giants of Nature, was accustomed to walk daily hand in hand with death.

B. HAMILTON, 5A.

ART IN THE PHOTOGRAPH.

Photographs are taken by young and old in every country of the world, and are always popular. After the film has been exposed the amateur photographer always waits anxiously for the



prints and displays great pleasure on receiving a successful result. Although he wishes to improve, he is often offended when faults are pointed out by some well-meaning friend, and too often pays little attention to them, because in his own mind he thinks the photograph most satisfactory in all respects. It is hoped that the following notes will prove of interest and service to inexperienced enthusiasts.

There are countless faults possible to be found in a finished print. They lie in two main classes—"technical" and "pictorial." The "technical" side deals with exposure, development, printing resulting in a harsh, contrasty negative. Over-exposure and under-development tend to make the negative grey and dull, as

if it were taken during rain or on a very overcast day. Similar defects may have occurred in the printing. The "pictorial" side includes the placing of the masses or main parts of the picture in such a position that the general effect is pleasing to the eye. It is this side of photography which is nearly always at fault in amateur photographs, even though the technical side may approach perfection.

The background is the first thing that attracts one's attention in some photographs, whereas in all cases it should be the last. When taking a portrait or a "close-up" of any object, the background should be carefully chosen, whether the subject be man, bird, beast or still life, and should be of such a colour that it shows the subject up to advantage. If the subject is a black cat the background should be a light grey, if a white cat a dark grey should be chosen. Backgrounds which make the subject appear as if floating in air are made by fastening a length of material to a wall and allowing it to rest on the floor or table in a continuous sweep without creases or wrinkles. The subject to be photographed is then placed on the part of the cloth resting on the table or floor and photographed. The photograph illustrating this article was taken in this way, but out of doors.

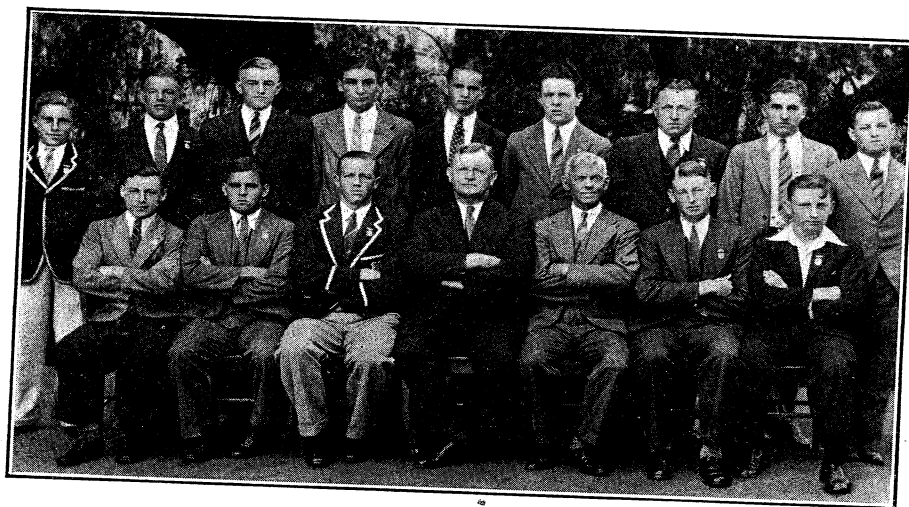
There are some pictures which we could look at all day without growing tired, but there are some which cause the eye to wander hither and thither, vainly endeavouring to come to rest at some point. These are generally landscapes, and the fault lies in the fact that there is too much crammed into the one photograph. There should never be too much material placed in a photograph; too little is better than too much; the simpler the subject the better the final result will be. One group of trees or perhaps two, one being smaller than the other, is generally better than cluster upon cluster scattered over the picture.

The skyline should always be placed at about one-third the width of the picture. If the sky be full of beautiful cloud formations the skyline should fall in the bottom half, but when the sky is just plain blue the skyline should appear in the upper half of the photograph. On no account should the skyline be placed in the middle, because then it breaks all the canons of artistic photography. The principal object also should be placed at the thirds—that is, one-third from top or bottom or from side to side. Suppose the main interest is a ship of some kind. It should appear at a point which represents one-third of the length and breadth of the print. If travelling fast, it should be shown as if leaving the photograph. If travelling slowly, the reverse holds good.

The mere placing the subjects in the right position is not all, the picture must be "balanced." By this we mean that it must not appear to be heavier on one side, or at the top or bottom of the picture. If there is a large area of dark greys on one side and lighter greys on the other, these latter must be proportionately larger than the dark greys in order that the picture may appear "even." If the dark mass is near the centre a smaller mass can balance it if placed towards the side. Notice how the dog's head is placed in the photograph and how its darker tones balance the lighter and lower portions of his body. It is not necessary to fathom all these positions before taking the photograph, a lot can be done by simply trimming the print.

The study of the correct placing and balancing of a photograph is called "composition," and it is hoped that the first principles mentioned above may appear in the reader's future photographs, making them more enjoyable and well worth the time and money spent on them.

JOHN STREET, 4A.



Prefects, 1934.

Standing: Greenhalgh, Black, Martin, McDonagh, Banks, Gough, Picker, Rizzo, Binstead.

Sitting: Beale, Kerslake, Sparkes (Capt.), Mr. Mackinnon (Headmaster), Mr. Wilmot (Deputy Headmaster), Roper (Vice-Capt.), Macinante.

ON LYING IN BED—WITH INFLUENZA.

For three whole days I lay in bed, living on a diet of slop food and various nutriments. For three whole days my head flared like a volcano. On my bedside table lay a discarded "Humour" which wasn't a tap interesting to me in my predicament. Verily, I was very sick.

For three whole days I lay on my back, eyes cast on the ceiling and hopes bent upon getting up. Yes, and I shall get up; but no, not just yet, perhaps in an hour or so. I like lying in bed,—but not a sick bed. A sick bed is a place where you must think and ponder. It is a place where you think of being sick,—and I'm thinking of the 'flu.

Yes, I've got the 'flu. I think I had a cold first. Awful things these colds. There should be some recognised cure for them. I've heard a few sure cures from time to time. Some of them though, really ought to work, 'cause they're nasty and painful enough. I'll just think of a few:—

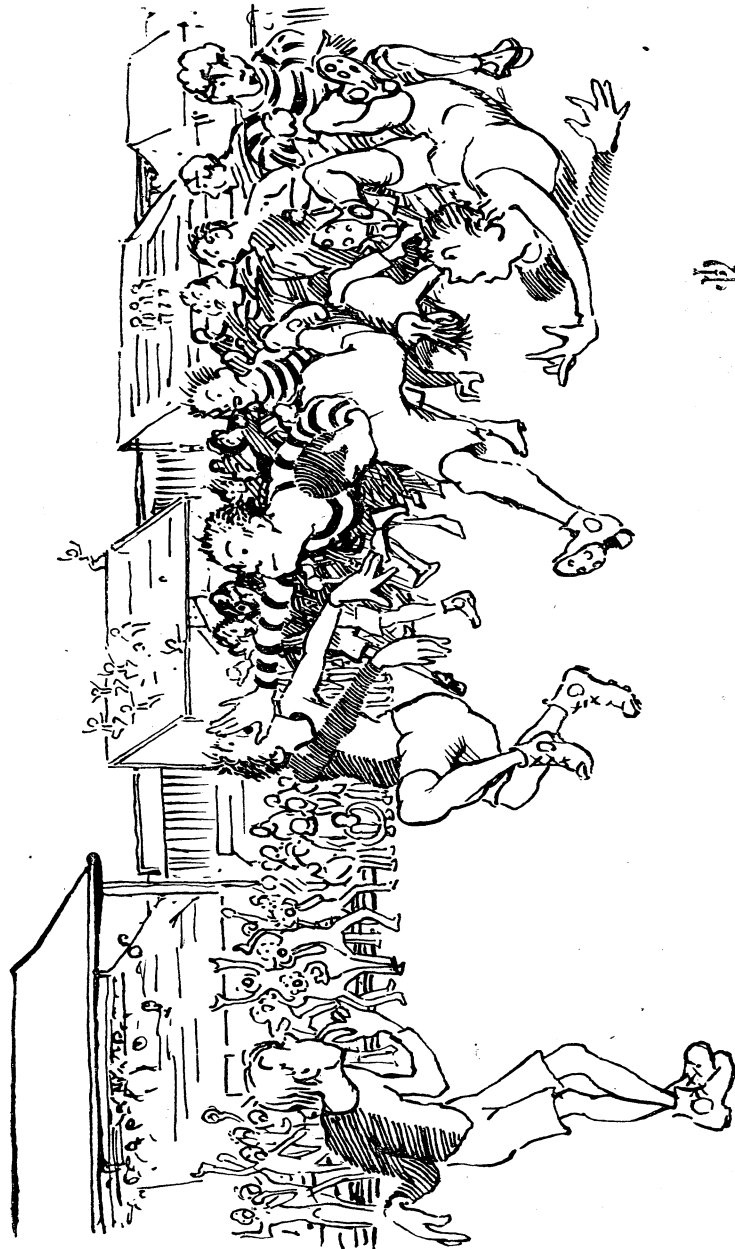
- (1) Bathe feet in hot water and go to bed.
- (2) Take a cold shower to hasten the climax.
- (3) Feed and **don't** (not on any account) starve a cold.
- (4) Drink small quantity of salt water.
- (5) Take small quantity of gin and sugar. (N.B.—sugar.)
- (6) Indulge in a hot mustard bath (don't drink bath-water).

Now, if any of these should fail to cure your cold, then rest assured, for you have most surely got the 'flu.

Terrible thing this 'flu. Wonder if they ever had it in the olden days? Never heard of Frankie or Wally as having 'flu. Wonder if Queen Elizabeth ever had it? I suppose she did. Disappointing to old King Phillip, you know, that she didn't have the 'flu when he wanted to marry her, for she might have regarded him as a remedy. Gosh, an inspiration; "Phillip came after Queen Elizabeth, but didn't succeed!"

Oh! but I'd like to get up. But, I don't want to go to school to-day because I don't know any geometry at all. Marvellous thing this geometry. If a man only had the imagination, he could prove anything equal to everything. I think I'll invent a theorem. Let me think—"things which are equal to the same thing are equal to anything else." That sounds good. I won't prove it just yet.

Gosh, I'm nearly roasted here. The sheet won't lie down straight, and to add to the general discomfort, I can feel a crumb



"Manners Makyth Man"

under my back. Phew, I'm hot! Guess it must feel something like this in the roasting pot. Terrible things these cannibals. I've heard they gather in tribes and are ruled by chefs. Oh, if I only had something interesting to do, I believe I'd do it.

You know, I'm not really sick, but I can't just stop coughing, and blowing handkerchiefs to atoms is becoming a habit with me. My cold seems to have transferred from my head to my chest, and my voice is already below zero. I have developed a thundering base, at least two octaves below normal. I can't sing and there's nobody here to talk to. A sick bed is certainly a place of suffering, and mine is certainly no exception. The blankets are perpetually rolling off, and the pillow has become as hard as a rock. I'd like to go to sleep, for bed is really a place of rest. Yes, I think I shall go to sleep. Well then, here I go. At last "peaceful sleep attends me," but I can hear somebody opening the door. I'll have to wake up. Ah, it's mother! She's brought my lunch, but, just the same, I might have known I couldn't sleep, for does not Macbeth "murder sleep" and to think 5B had a test on "Macbeth" to-day!

LESTER T. PADMAN, 5B.

REFLECTIONS.

It is a machine age. From sunrise to sunset we are constantly aware of this fact, and our lives are guided, ruled and regulated by this modern phenomenon.

At the first streak of dawn, the alarm clock warns us of the march of time, rouses us from our warm upholstered beds, and sends us to the bathroom where we take advantage of the modern water system.

From thence we make our way to the kitchen, to be greeted by all improvements of the age for the housewife, and the inviting odour of an electrically-cooked meal.

Donning a tailor-made suit we sally forth into the city where we find ourselves in the midst of a hubbub of electric trams and trains, motor buses, automobiles and jostling people. Perhaps we will board a tram or train to be carried away through the heart of the town: perhaps we are rich enough to afford the luxury of a limousine to convey us to our destination.

After a day's work we return homewards and are faced with the choice of going to a cinema, attend one of the numerous city amusements, or spend a quiet hour by the fire with a modern novel or an evening newspaper. Thus we finish an average day of our lives.

But are we any better off for these conveniences and pastimes? Is the life we are living better than the one we would have lived thousands of years ago? It is certainly more eventful but is that everything? The primitive man did not have a motor car or a picture show, but he did have a peaceful mind and a regular life. Where are the days of peaceful homelife and contentment? Are they replaced by the bustle, and nervous tension, the rivalry and jealousy of modern city life? Many people think that this age is the nearest approach to perfect comfort and luxury yet reached. But is comfort and luxury everything?

These questions leave room for open discussion, and one wonders if the people living some thousands of years hence will be any happier than those of the present day.

H. WANSTALL, 4A.

ON THE RANGES.

The afternoon sun shed its warm glow over the countryside. Bill Summers, a typical example of Western manhood, sat astride a brown horse, at the same time rolling a cigarette. The branches of a large tree sheltered him from the fiery orb above and the young man hummed a gay cowboy tune.

A magnificent sight confronted him. At the foot of the grassy slope on which he was, a green plain stretched in small undulations towards the purple gloom of the gathering dusk. A sparkling stream burred and chuckled and glittered among lichen and stones to stretch across the plain. It seemed as though Mother Nature had bordered the green with a ribbon of virgin silver.

Although Summers was a hard bitten cowhand, he marvelled at the beautiful panorama. With a low sigh he galloped down the slope to where many cattle grazed. His stock whip hissed viciously, cutting through the air like a striking snake. Soon the cattle were on the move towards the distant homestead. Accompanied by the strident barking of his dog, "Pal," the loud "Whoo-ee's" and shouts of Bill, sent the fat stock in the direction of home.

Eventually they were all herded in the coral and, thankful that another day's work was over, he strode for the bunkhouse.

The cloak of night descended swiftly, and around a blazing and crackling fire Ah Foo, the Chinese cook, prepared the evening meal. Attracted by the appetising aroma of cooking food, the ranch boys gathered to their welcome meal.

"Come on, Ah Foo, seven hungry men need some food. Hurry up!" teased one of the boys, good humouredly.

"Alligh', alligh', me come now," shrilled the diminutive cook; "you velly impatient man."

The men laughed as they quickly devoured the good food and soon everything had disappeared with lightning rapidity.

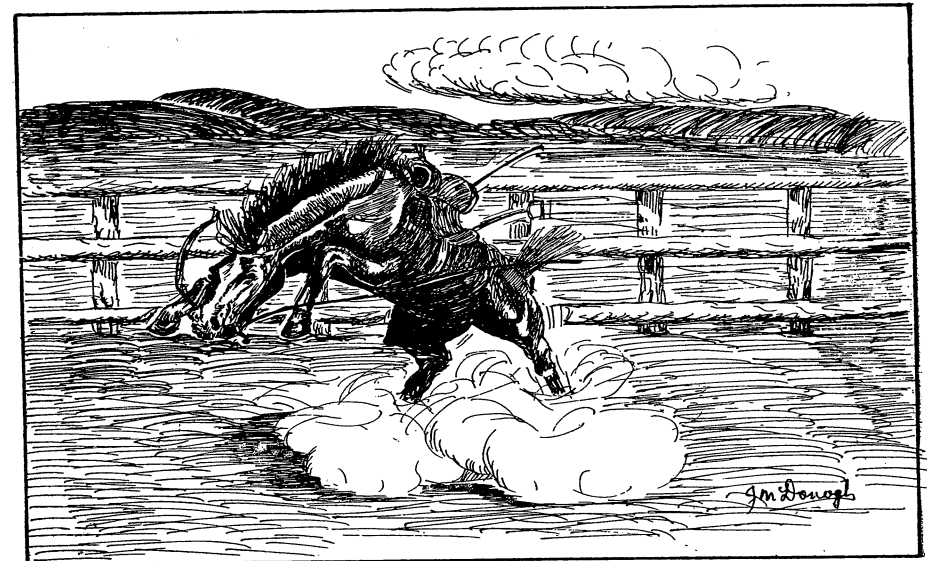
"Say, boys, how about a tune before we turn in?" asked Bill Summers.

A growl of assent came from the group, and battered and other weird musical instruments came to light. The simple cowboys revelled in the gay tunes and ditties, while the still night air was filled with the strains of such popular songs as "The Last Round-up," "Home On the Range" and "Buffalo Girl," although one or two of the cowhands were out of tune.

What more could man desire as such harmony and contentment. Above the cloudless sky was beset with jewelled diamonds and the silvery moon sailed majestically across the "Milky Way." The embers of the fire sent out a ruddy, but warm glow to the singing cowboys.

With a cheery "Good-night, boys," the cowboys rolled into their sleeping bags. Soon all were wrapped in slumber and silence reigned supreme, except for the occasional howl of a desert coyote.

B. BURNETT, 3A.



"Tamed."

THE EARLY BRIDGES OF NEW SOUTH WALES.

Long before civilisation ever touched our golden shores, the aborigines, as we all know, dwelt in this land. The primitive native never bothered about a permanent bridge, because their life was to wander and wander, seeking food and shelter when necessary. The bridge, as the early settlers of our land found it to be, was a suitable log. They never bothered to bridge a large stream for it was too large an undertaking for them to do. Most likely they became—after the arrival of education to the natives of Australia—very civilised, although some still had the old aborigine feeling to hunt his own food and perform his native habits.

The first bridge that was constructed by the hands and labour of the white settlers spanned a small fresh-water stream which used to exist in the heart of the city, called the Tank Stream. There was more than one bridge that spanned this precious stream. One of the roads that used to lead down to one of these bridges is Bridge Street, so called because part of that road used to cross old Sydney's fresh-water stream.

One of the first stone bridges constructed in New South Wales was the Lennox Bridge, constructed on Mitchell's Pass on the Bathurst Road, and was completed in the year 1833, exactly 101 years ago. It was built by a Scottish stonemason named Lennox. The Governor of New South Wales at that time was Governor Bourke. On Major Mitchell's recommendation he secured Lennox to design and supervise the construction of stone bridges.

After designing and building the Lennox Bridge, David Lennox constructed several more bridges for Governor Bourke. He then went to Victoria and constructed more than 50 bridges there. Some of these stone bridges are still in existence. When necessary they are reinforced with concrete, but most of the foundations are still very strong. One of these bridges is the bridge at Richmond, which was built by Lennox during the period between 1840 and 1850.

David Lennox therefore was the first man to visit Australia to design, supervise and build bridges (he also did other stonemasonry work beside bridge-builder, e.g., build dams) of permanence in Australia. We should, as Australians, give David Lennox the credit and praise as the man to lay the foundation of the great bridge-building industry of Australia. In these modern times we have world-known bridges as the magnificent bridge that spans one of the most beautiful harbours in the whole wide world, Port Jackson, or, as we commonly call it, Sydney Harbour. The other famous bridge is the Hawkesbury Bridge, which is only for

railway traffic. It was constructed in the year 1889 and was, until the construction of Sydney Harbour Bridge, the largest in the Southern Hemisphere, and has the deepest foundations in the world.
J. STEWART, 1D.

A SONNET (?)

(Inspired by Homework.)

When I consider how my nights are spent
'Twixt sev'n and ten and sometimes later yet,
Methinks the teachers sometimes should relent,
And give nine marks instead of three I get.

For oft 'tis hard to think of French for "prize"
Or Latin phrase containing "quadrupeds";
But never is it hard to realise,
The "asses' bridge" still's made of wooden heads.

Then hist'ry, maths., geog., and chemistry,
Take toll of time; and I must be prepared
To tell how King John died in infamy,
Or prove that $2y = 4 \times 2$.

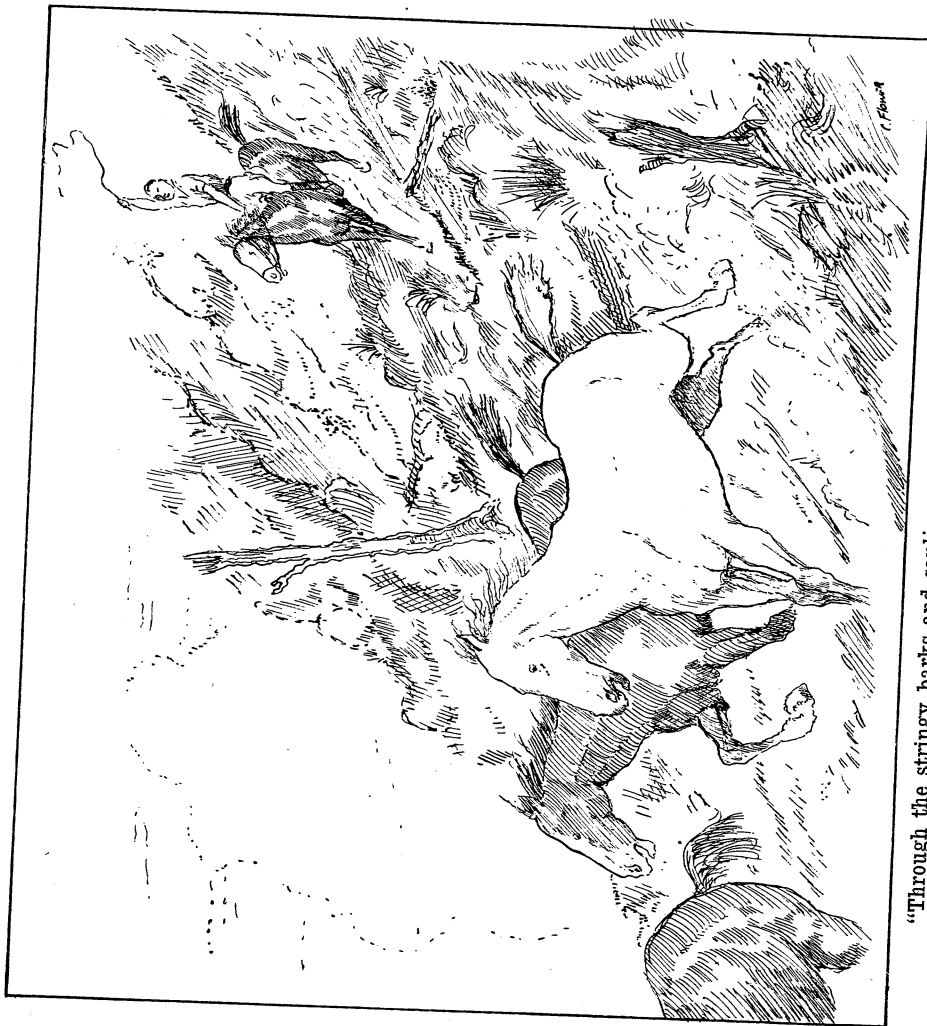
Toil on; four B's, when down the curtain's rung;
Then leave, unwept, unhonoured, and unsung.

THE TRUE MEANING OF LAZINESS.

"He is too tired to scratch himself" is a phrase often used by employers in factories and by farmers, of their farm hands, and is sometimes even extended to their sons.

Rossini, the celebrated composer, was so lazy that his father made him work the blacksmith's bellows and invited his playmates to jeer at him. Montaigne, the French essayist, was lazy and languorous as a boy, and even Thackeray was called an idle boy by his teachers (God bless him!). Justus Liebig, the famous German chemist, was so lazy that he kept faithfully at the bottom of his class in spite of the fact that his intelligence quotient was said by Stanford University (U.S.A.) psychologists to be as high as 165, against the average of 100.

As a result of a survey among school children it was found that lazy boys were five times as prominent as lazy girls, and an inquiry among adults revealed that although fourteen per cent. of the men were undeniably lazy, only nine per cent. of the women were in a similar predicament.



"Through the stringy barks and saplings, on the rough and broken ground,
Down the hillside at a racing pace he went."
C. FLOWER, 2A.

Being tired and being lazy are two totally different things. Women may fatigue more quickly than men, although they are much less lazy. True laziness as we discuss it here is essentially mental, and is caused by ideas and emotions and not by physical exertion or poor physical condition. Tramps are not, as a rule, sickly weaklings, but great hulks of men with mental attitudes that make them lazy and wish to loaf. On the contrary, Charles Darwin had a body in a very poor physical condition, and all the work done by this truly marvellous man was effected only at the price of great effort against his bodily frailty.

An interesting experiment shows how potent the nervous system is in causing laziness. A patient is made to lift a weight time after time with one finger until he cannot lift it even with the greatest effort. "My finger is tired out," he says; "the work has tired my muscles." But the weight lifting did no such thing, as the conclusion of the experiment indicates.

An electric current is applied to the finger muscle to take the place of the nerve currents and, immediately the finger contracts, showing plainly that it was the brain that became fatigued and gave up the job. It was not the muscle that was tired, but the nervous system "lazier."

The argument may be brought forth that women's muscles become tired more quickly than men's, and that they therefore are lazier, but the findings previously discussed show that their mental machinery does not give up the job so readily and make them lazy.

Day dreaming is reported to be a prominent cause of laziness, for it is much easier for the brain to take this course of idle reverie than to settle down and concentrate upon some definite problem. Tramps (may I be permitted to again mention these worthies) are especially active in day dreaming. Reclining with his hat pushed over his eyes, he compacts the sward of the hoboos' jungle on the edge of the town with his tattered clothes and dirt encrusted body, while his mind wanders into Elysian fields.

Like many other lazy adults, he is so because that helps him to overcome the problems of existence by medium of their un-directed youthful imagination.

Sometimes laziness does not become generalised and we see the lazy, indolent schoolboy hurrying home from a weary day to build delicate and attention-straining examples of genius in a beloved workshop.

In conclusion, it is my desire to emphasise that such people of genius as Thackeray, Liebig and Montaigne were dull, lazy and indolent as boys and also that there may still be some hope for my poor, lazy, unfortunate self.

A PIRATES' HOARD.

On the still, scented air arose the dull throbbing of tom-toms. On the fringe of the jungle overlooking the beach, dusky forms were crouching, watching. A rustle of undergrowth and the forms vanished. The throbbing ceased.

Across the blue waters of the lagoon came a large craft. She was low in poop and bow, with a row of gun-ports along her sides, and great sails flapping and booming. Dark forms went racing up the rigging and slowly the great sails began to furl. The anchor splashed into the lagoon and went down through the clear water.

Along the bulwarks were lined as motley a crew as could be imagined. Some were arrayed in gaudy finery, soiled and faded with salt water. Others in coloured shirts, with sashes around their waists and heads. All bore knives and pistols in their belts and had gold earrings in their ears.

The longboat was lowered down the side and several of the ruffians scrambled down into her and stood waiting.

Amidst coarse laughter from the men on deck a great wooden chest, reinforced with great bars of iron, was let gently down the side, and when it was settled in the stern the longboat rode much deeper in the water. The men then seized the oars and began to pull lustily away from the ship chanting some old sea chanty as they pulled, and in a short space of time the keel grated gently on the sand. They tumbled out and dragged the boat higher up the sand out of reach of the waves. Then four of them bore the chest up the beach for some distance before they dumped it down and began to dig a hole large enough to conceal the chest.

This done, they took careful note of the shadows and position of the sun, and returned to the boat.

Twenty minutes later the vessel had raised anchor, and as her sails filled, she glided out of the lagoon.

Hardly had the strange vessel disappeared than a party of savages came slowly down the beach, with great head-dresses of feathers on their heads and armed with long spears and clubs. They halted on the spot where the chest lay hidden and, falling on their knees, began to dig feverishly with their spears and hands until they unearthed the chest. A few blows from a club and the lock was broken and the lid thrown back. To the startled gaze of the savages was disclosed the ransom of kings—treasure from the treasure-houses of the Spanish Main.

Bags of coin they flung away; great jewels they gazed at in wonder; gold plate they slung about their necks; ropes of pearls, rubies and sapphires were knotted around dusky arms and ankles. The box they flung into the lagoon. It floated for a moment and then sank with a gurgling sound and sent brightly coloured fish darting in all directions. Another pirate's hoard had mysteriously disappeared!

C. FLOWER, 2A.

THE LINO-CUT.

For a cheap, economical method of reproduction of line drawings nothing can compare with the "lino-cut." The process consists of cutting from a mounted linoleum, by means of suitable tools, portion of the lino., so that the drawing to be reproduced stands in relief. The section in relief will thus alone receive ink to transfer the design on to the printing paper.

Linoleum.—Only the plain brown, green or white linoleums should be used, the printed types being useless. The approximate size of the drawing to be reproduced is measured and a piece of lino. large enough to accommodate the drawing is taken. It is cut by scoring a sharp cut on the canvas side and bending along the cut. This is then mounted (with the aid of gluepot and glue) on to a stiff piece of cardboard of the same size. On the completion of this process the drawing to be reproduced is traced on a piece of transparent paper. It is then traced onto the lino., back to front, with carbon-paper. The parts of the drawing which are to stand in relief are then painted in Indian ink so that no mistake will be made in cutting. The block is now ready for the cutting process.

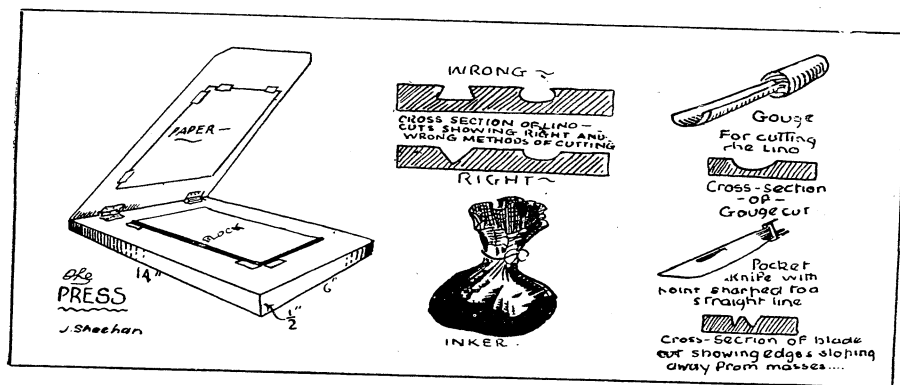
Tools.—The tools which are essential are at least two gouges and a pocket knife. The pocket knife is used for cutting V-shaped grooves around the outline, and the gouges (one $\frac{1}{8}$ in. or smaller, and one about $\frac{1}{4}$ in.) are used for removing the backgrounds, which must be well below the parts which stand in relief. Care must be taken to produce a strong wall to the outline in order that it might not collapse. The sharpness of the tools will often impair the quality of the work, and so, for this purpose, an oilstone slip is used frequently.

Cutting the Block.—A thorough examination of the parts of the block not to be cut out will often avoid many failures and disappointments.

A deep groove is cut around the edge of the outline at 45° from the edge cut. When this is completed the background is care-

fully removed with the aid of the gouges, the smaller one doing the more intricate work. It is advisable in cutting away large areas to cut a ditch with the large chisel and cut into it at right angles with the gouges.

Printing.—When this is completed the block is ready for printing, which may be done by inking the block by means of a round pad dabbed into the ink and then on to the block and laying on it a sheet of thin Japan paper, which is pressed by means of the hand to obtain pressure, small portions being pressed with the tip of the finger. On lifting the paper many imperfections will be



seen, mainly the printing of the background. The offending portions must then be cut away and further proofs taken until a perfect print is obtained. The printing may now be begun. The block is placed on the base of the frame and strips of cardboard half glued so that the paper may be slipped under them and held in position, are then gummed at right angles on the tin plate. The paper should slip half under these and be held there while printing.

The Ink.—The ink used can be either lithographic oil colours or water colours. In the litho. and oil colour printings the ink should be thinned by paraffin, and in water colours the paper dampened before use.

The Printing Frame.—A suitable press may be made from a piece of tinplate hinged firmly on to a piece of timber, 14in. x 6in. x 3/4in. The block is placed on the base and the paper in the register marks. The tinplate is then brought over and pressure applied to the portion where the block is. A squeegee roller rolled over that portion suits the purpose admirably. The print is then lifted and then, if not enough ink has spread evenly, it may be lowered and more pressure applied.

Hundreds of the prints may be then taken.

At first the beginner is best to confine himself to one colour printing, but after a deal of practice colour printing may be attempted.

Colour Printing.—Colour printing consists of alternately bringing down the same sheet of paper on different colour blocks so that finally a coloured drawing is obtained. These blocks must register exactly (print to produce a harmonious reproduction) or else the colour blocks will not print in with the main or key block (usually black). To obtain good results we must set about our work carefully. For a two-colour job, two strips of lino., exactly the same size, are cut and pasted on to cardboard so that there is no overlap when they are placed on each other. The design being selected and a two-colour job required, the colours red and black are chosen. Black will be the key block, i.e., red must agree exactly with it, and is therefore carefully cut out and proofed until a perfect print results.

Now the black block is placed in the printing frame and tabs are glued against its sides so that the other piece of lino. may fit in exactly the same position as the black did. A pull (i.e., a printing) of the black is taken with the paper exactly in the register marks. Now substitute the plain block for the black and with the ink on the paper still wet, print an impression of the black on the plain block.

The parts to be red may easily be picked out and filled in with Indian ink and the red block cut and proofed until a perfect proof results.

When this stage is reached a piece of paper is placed under the register tabs and, with the red block in position (i.e., against the tabs), a pull of the red is taken.

With the paper in exactly the same position and the black block substituted for the red, a pull of the black is taken. With experimentation a perfect colour combination may thus be obtained.

J. SHEEHAN, 2B.

THE PROSPECTOR'S STORY.

Ah! At last I had reached my goal—a little fire under the tall, fresh-smelling gumtrees. Wearily I trudged up to the campfire and sank down to the ground with a contented sigh. Every second night I had done this for a fortnight, to listen to a story from the grizzled, white-haired prospector. He was somewhat of a mystery,

this old man with the far-seeing eyes. The little town of three hundred people knew him as "Old Bill."

After a few minutes' conversation of local interest Old Bill told me the following story, in language which was rather rough and original, being fairly well sprinkled with colourful "idioms."

"It was during the days of the gold rushes that my story commences. The small town of Onslow had been seized in the clutches of gold fever and feeling ran high. Men entered the saloons rich in gold dust and came outside, hours later, penniless. There was a steady stream of miners flowing north-westwards into the surrounding hills. I had been watching this stream for days and it seemed to me that there could not be enough gold in that direction to keep that number of prospectors. I decided to leave town before my credit ran too high and, consequently, next day I set out, travelling westward.

"All that day I walked, not bothering to stop to eat, but doing so on the way. The nature of the country had changed from brown rolling plains to hilly landscapes, gashed and disfigured by deep ravines and gorges. I camped at that spot for six days, continuously investigating for signs of the precious red metal. The monotony of the scenery and the fruitless quests were getting on my nerves and it was very hard work chipping and cracking rocks in the burning sun all day. Especially the last four days. Old Sol had been like a terrific heated furnace glaring down upon the world. I was expecting to see the glow of prairie fires back eastwards.

"Then came my good fortune, or misfortune. The day had been terribly hot. The heat waves had shimmered before my tired eyes for nine long hours. When night came like a dark mantle, I was utterly exhausted. I soon lost this exhaustion, however, when I looked in the direction of the plains. My notice was first brought to the danger when I heard a low drumming, like the noise of a restless person's fingers drumming on a padded armchair. I looked in the direction of the sound and saw a sullen red glow and tiny flickers of flame. My heart was beating to suffocation point and I drew a deep breath as I saw, about a mile and a half away, a wave of tossing manes and heads silhouetted against the copper-coloured horizon, as they rushed over the first hill. 'They' were a mob of fear-maddened brumbies instinctively making its way to the hills in order to escape the prairie fire!

"For fully forty seconds I stood frozen to the ground with sickly horror. I was fairly in their track! I looked wildly around me and rushed over to the edge of a deep chasm. Yes, about

fifteen feet below, was a four-feet ledge. I rushed for my water-bottle and the ladder, with the two grappling hooks on the end of it. I hurriedly fixed the hooks to a huge rock and clambered over. The thunder of the brumbies' hooves reverberated in the gloomy chasm below. The rope ladder suddenly moved and down I fell with a three hundredweight boulder following me. I leapt sideways, but slipped. With a sickening crack and crunching noise I felt an excruciating pain shoot through my body. I screamed aloud. . . . I must have lost consciousness, for when I next took interest was when I tried to sit up. The agony, the awful agony which I endured. Dimly I heard the faint sound of the disappearing brumbies. The fire would not reach me, I knew, because of the barren rocks between it and myself. I sank into a stupor. . . .

"It was the afternoon of the next day. I felt that my body was on fire. A curious numbness had settled upon my left leg. I was drying up slowly. What would I look like when I was dead? Would I die? My delirious thoughts rambled on. Would I be tortured by crows? 'No! No!' I shrieked out as I looked up to see two of the hated birds regarding me with bright unblinking eyes.

"'Hullo! Hullo, there!' a voice shouted suddenly. A tanned face looked down upon me, upon my bloody leg.

"'My God . . .'

"I sobbed in my happiness. I was saved!

"Weeks later I was wheeled out upon a wide verandah. A uniformed nurse was at my side. She had a letter, a very bulky letter. The letter, it appeared, came from a lawyer. It said that I had been brought into the town by a young man called Wilcox. This young man had saved my life. He had found me lying on a ledge with a crushed foot and very delirious. The young man had undoubtedly saved my life. This point was made very clear. Then came the catch. The young man had also found a very large vein of gold running into the wall beside the ledge. As no claim had, at the time, been made by any other person, Wilcox had made one. I could not interfere or push forward with a claim for a share in it, the letter implied.

"You can't claim a share or take away a claim from a fellow who has saved your life, can you?"



TWENTY-FOURTH ANNUAL ATHLETIC CARNIVAL.

The Twenty-fourth Annual Athletic Carnival was held on 15th August. The weather favoured us and the meeting proved most satisfactory. Large entries and keen enthusiasm were most gratifying features of the day's sport. The class banners greatly added to the spirit of friendly rivalry.

The Senior Cup was won by J. Mumford with 13 points, while M. Randall gained the Junior Cup with 15 points. J. McClelland secured the Under 14 Cup by a score of 12 points.

Our congratulations are extended to M. Randall, who made new figures for the Junior 220 Yards Championship (24½secs.), and for the Junior Shot Putt (42ft.). J. McClelland established new records for the Under 14 High Jump (4ft. 9½ins.), and for the Under 14 Broad Jump (17ft. 1in.); while J. Mumford and A. Roper broke the school record in the Senior Shot Putt (37ft. 7ins.).

Results:—

SENIOR CHAMPIONSHIPS.

100yds.—J. Mumford 1, J. Beale 2, J. Gough 3. Time 11½secs.
 220yds.—J. Mumford 1, J. Beale 2, J. Gough 3. Time 25½secs.
 440yds.—A. Smith 1, J. Mumford 2, R. Campbell 3. Time 57½secs.
 880yds.—A. Smith 1, J. Reid 2, R. Campbell 3. Time 2mins. 14½secs.
 Mile.—A. Smith 1, J. Reid 2, R. Martin 3. Time 4mins. 58½secs.
 Hurdles.—L. Stockton 1, J. McDonough 2, G. Wirth 3. Time 19½secs.
 High Jump.—J. Allen 1, J. Beale 2, A. Perry 3. Height 5ft. 1in.
 Broad Jump.—J. Mumford 1, A. Sparks 2, J. Allen 3. Distance 19ft. 3ins.
 Shot Putt.—L. Padman 1, J. Mumford 2, A. Roper 3. Distance 35ft.

JUNIOR CHAMPIONSHIPS.

100yds.—M. Randall 1, F. Wailes 2, L. Shannon 3. Time 11 1-10secs.
 220yds.—M. Randall 1, J. Cullen 2, L. Shannon 3. Time 24½secs. (record).

440yds.—A. Blackmore 1, J. Cullen 2, J. Sharp 3. Time 62½secs.
 Hurdles.—R. Melville 1, W. Sams 2, R. North 3. Time 16½secs.
 High Jump.—M. Randall 1, L. Shannon 2, R. Melville 3. Height 4ft. 10ins.
 Broad Jump.—M. Randall 1, J. Cullen 2, L. Shannon 3. Distance 17ft.
 Shot Putt.—M. Randall 1, L. Shannon 2, J. Grant 3. Distance 42ft. (record).

UNDER 14 YEARS' CHAMPIONSHIPS.

100yds.—J. McClelland 1, W. Evans 2, N. Waters 3. Time 12½secs.
 220yds.—J. McClelland 1, W. Evans 2, K. Lawson 3. Time 26½secs.
 High Jump.—J. McClelland 1, K. Lawson 2, N. Waters and J. Porter 3. Height 4ft. 9½ins. (record).
 Broad Jump.—J. McClelland 1, K. Lawson 2, J. Livingstone 3. Distance 17ft. 1in.

OTHER EVENTS.

CLASS HANDICAPS.

5A.—W. Hayes 1, J. Hill 2, E. Picker 3.
 5B.—D. Rooke 1, R. Lark 2, A. Edwards 3.
 5C.—J. Dunham 1, A. Taylor 2, O. Davies 3.
 5D.—W. Walton 1, J. McDonogh 2, L. Barton 3.
 4A.—W. Harris 1, J. Street 2, A. Swinbourne 3.
 4B.—K. Whitehead 1, J. Nicholson 2, A. Swinbourne 3.
 4C.—A. Grady 1, J. Tooker 2, J. Sharp 3.
 3A.—N. Shute 1, B. Cooper 2, F. Wailes 3.
 3B.—F. Hart 1, H. McLachlan 2, J. Croshaw 3.
 3C.—A. Hockley 1, R. North 2, R. Melville 3.
 3D.—K. Shannon 1, A. Blackmore 2, H. Reed 3.
 2A.—D. Perritt 1, N. Waters 2, J. Webb 3.
 2B.—R. Harle 1, E. Hart 2, A. Rice 3.
 2C.—J. McClelland 1, M. Garrad 2, W. Kilgour 3.
 2D.—A. Peade 1, E. Free 2, A. Cottrell 3.
 1A.—K. Lawson 1, D. Davidson 2, E. London 3.
 1B.—O. Jones 1, M. Brown 2, J. Reece 3.
 1C.—W. Sams 1, M. Daniels 2, C. O'Rourke 3.
 1D.—F. Johnston 1, R. Moseley 2, S. Amos 3.
 1E.—R. Broadbent 1, E. Robinson 2, E. Green 3.

220 YARDS HANDICAP.

D. Davidson 1, S. Dunk 2, B. Cooper 3. Time 24½secs.

MILE HANDICAP, 4th and 5th Year.

A. Grady 1, E. Black 2, J. Greenhalgh 3.

MILE HANDICAP, 1st, 2nd and 3rd Year.

F. Johnston 1, J. Thoroughgood 2, W. Hall 3.

CLASS RELAYS.

5th Year.—5B 1, 5D 2, 5A 3.
 4th Year.—4B 1, 4A 2, 4C 3.
 3rd Year.—3B 1, 3D 2, 3C 3.
 2nd Year.—2B 1, 2C 2, 2A 3.
 1st Year.—1A 1, 1C 2, 1D 3.

OBSTACLE RACE.

1st Year.—K. Lawson 1, F. Johnston 2, L. Lowder 3.
 2nd Year.—A. Peade 1, S. Thompson 2, J. Goodwin 3.
 3rd Year.—N. Shute 1, C. Nickson 2, F. Hart 3.
 4th Year.—A. Moore 1, R. Tafe 2, G. Ferguson 3.
 5th Year.—O. Barton 1, J. Greenhalgh 2, H. Millington 3.

OLD BOYS' 100 YARDS.

A. Driver 1, R. Pegrum 2, J. Drever 3.

OLD BOYS' HANDICAP (100 Yards).

R. Pegrum 1, J. Drever 2, A. Courtney 3.

TUG-O-WAR.

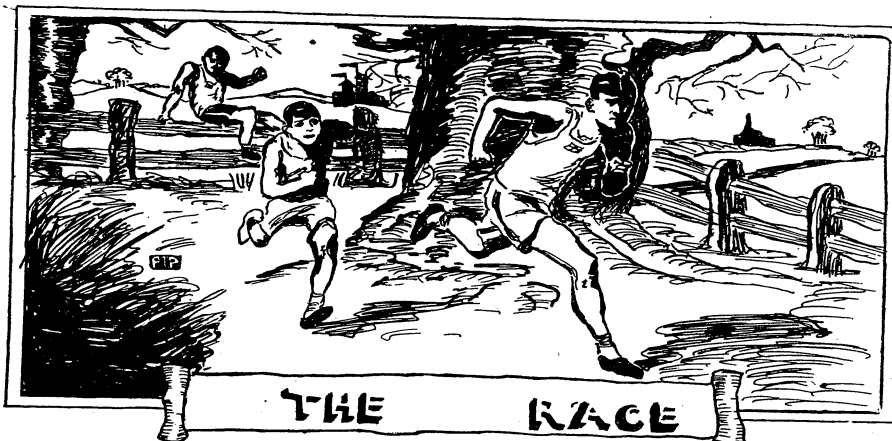
1st Year.—1E.
 2nd Year.—2C.
 3rd Year.—3B.
 4th Year.—4B.
 5th Year.—5D.

440 YARDS HANDICAP.

G. Lowder 1, D. Wade 2, M. Bramham 3.

880 YARDS HANDICAP.

A. Grady 1, D. Roberts 2, W. Hall 3.



R. McKERN, 2B.

COMBINED HIGH SCHOOLS' ATHLETIC MEETING.

The school retained its reputation as one of the leading schools in Athletics in all divisions. Our senior team put up a fine performance in coming second to North Sydney High School. The Junior and Under 14 teams did not do as well as they were expected, still they are to be congratulated in finishing second to Sydney High School in their respective divisions. The school came second to Sydney High in the aggregate.

Results:—

Seniors:—

100yds.—

J. Mumford—3rd 1st Division.

J. Gough—2nd 3rd Division.

220yds.—

J. Mumford—3rd 1st Division.

J. Gough—2nd 3rd Division.

440yds.—

J. Mumford—1st 2nd Division.

880yds.—

A. Smith—1st 2nd Division.

J. Reid—3rd 1st Division.

Mile—

A. Smith—3rd 1st Division.

J. Reid—1st 2nd Division.

Senior Hurdles—

L. Stockton—3rd 1st Division.

J. McDonagh—4th 2nd Division.

Shot Putt—

J. Mumford—1st 2nd Division. 37ft. 7ins.

A. Roper—1st 3rd Division. 37ft. 7ins.

Broad Jump—

J. Mumford—4th 1st Division.

Medley Relay—

2nd (Team: Smith, Mumford, Beale, Gough).

Circular Relay—

3rd (Team: Mumford, Beale, Gough, Hodgkinson).

Juniors:—

100yds.—

M. Randall—1st 1st Division.

L. Shannon—4th 3rd Division.

220yds.—

M. Randall—1st 1st Division.

440yds.—

R. Cullen—2nd 2nd Division.

B. Blackmore—5th 1st Division.

Shot Putt—

M. Randall—3rd 1st Division. 43ft.

L. Shannon—3rd 2nd Division.

90yds. Hurdles—

R. Melville—5th 1st Division.

Circular Relay—

Randall, Blackmore, Sharpe, Wailes. 2nd.

Under 14:—

100yds.—

J. McClelland—2nd 1st Division.

J. Evans—2nd 2nd Division.

N. Warters—2nd 3rd Division.

220yds.—

J. McClelland—2nd 1st Division.

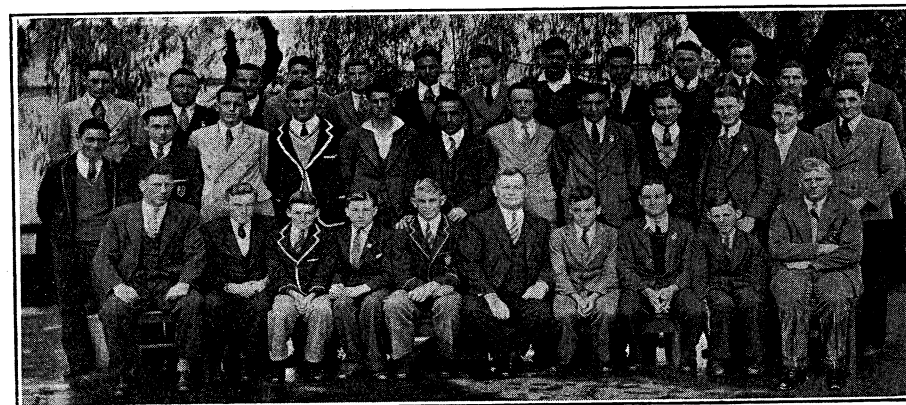
K. Lawson—4th 3rd Division.

High Jump—

J. McClelland—(tied) 3rd 1st Division.

440 Relay—

J. McClelland, J. Evans, N. Warters, K. Lawson. 2nd.



Athletics' Group, 1934.

HOOKE CUP.

The Hooke Cup, which was donated by the late Mr. J. M. Hooke, and is open for competition in Taree annually by the boys of all the High Schools in the State, was contested in Taree Park on Saturday. Taree, North Sydney, Sydney Technical and Gosford High Schools competed on this occasion. North Sydney, which won in 1927, was successful. Taree High School filled second position by the narrow margin of a point from Sydney Technical High School. Sydney High School, holder of the cup, was unable to send a team this year. North Sydney scored 90 points, Taree 34, Sydney Technical 33 and Gosford 24.

The Hooke Cup has now been won thus: Taree, 1921 and 1922; Newcastle, 1923; Parramatta, 1924; Newcastle, 1925; East Maitland, 1926; North Sydney, 1927; Parramatta, 1928; Sydney, 1929; Sydney Technical, 1932; Sydney High, 1933, and North Sydney, 1934.

The officials were as follow: Judges, Messrs. M. M. Hooke, R. Page, B.A. (Headmaster Taree High School), E. D. Mooney and C. H. Cook; starter, Mr. Castleman (athletic coach, Sydney Technical High School); check starter, Mr. P. G. Price; timekeeper, Dr. F. W. Bayldon; ground steward, Mr. G. E. Giovanelli, B.A. (Deputy Headmaster Taree High School), and results steward, Mr. E. Smith.

220yds.—G. Andrews (N.S.) 1, M. Randall (Tech.) 2, L. Hough (G.) 3, S. McPherson (Taree) 4. Time, 24½secs.

880yds.—L. Goff (G.) 1, B. Thompson (N.S.) 2, A. Smith (Tech.) 3, K. Mills (T.) 4. Time, 2min. 10secs.

440yds. Circular Relay.—North Sydney 1, Taree 2. Time, 46½secs.

Shot Putt.—J. Whitelaw (T.) 38ft. 2½in., 1; D. Brown (N.S.) 36ft. 1in., 2.
 100yds. Race.—W. Donald (N.S.) 1, M. Randall (Tech.) 2. Time, 10½secs.
 High Jump.—F. Belford (T.), 5ft. 5½in., 1; A. Neal (T.), 5ft. 4¾in., 2; W. Donald (N.S.), 5ft. 3¾in., 3; J. Allen (Tech.), 5ft. 3in., 4; and J. Beale (Tech.), 5ft. 2in., 5.
 440yds.—G. Andrews (N.S.) 1, L. Hough (G.) 2, K. Mills (T.) 3, A. Smith (Tech.) 4. Time, 52½secs.—A record.
 120yds. Hurdles.—W. Donald (N.S.) 1, J. McDonough (Tech.) 2, W. Hoad (T.) 3. Time, 17½secs.
 Broad Jump.—W. Donald (N.S.), 21ft. 6in., 1; S. McPherson (T.), 19ft. 11in., 2; J. Mumford (Tech.), 19ft. 9in., 3.
 Mile.—L. Goff (G.) 1, J. Reid (Tech.) 2, B. Thompson (N.S.) 3, G. Pearce (T.) 4. Time, 50½secs.—A record.
 880 Medley Relay.—North Sydney 1, Technical 2, Taree 3. Time, 1min. 46½secs.

—"The Manning River Times," 26/9/'34.

FOOTBALL.

The general improvement that was apparent towards the end of last season continued throughout 1934 and the school enjoyed one of its most successful periods for some years.

It is pleasing to see that the present Headmaster, Mr. Malcolm Mackinnon, has continued the same fine tradition of active interest and encouragement that characterised his predecessor, Mr. F. McMullen.

The established policy of the school, by which every pupil physically capable is expected to take part in at least one sporting activity involving team work, has borne fruit in the increasing number of players offering themselves for football selection.

The thanks of the school are due to the Old Boys who gave of their time and their experience in coaching the various teams, especially "Patsy" McCormick and "Sam" Davis. Mr. Davis, himself a prominent Technical player, was particularly enthusiastic, not only delivering instructive lectures but actively participating in the training and the coaching of the 1st Fifteen. By precept and practice he inculcated the finer aspects of the Rugby Union Code. Not only were his activities appreciated by the school, but by the members of the team itself, and at the end of the season they gave tangible expression of their appreciation.

Lectures were also given by members of the Randwick Rugby Union Football Club, Mr. A. Marshall and Mr. C. Towers. All

these activities have tended to raise the standard and develop the keenness of the boys.

Although only one competition was won (the 6th Grade, enthusiastically coached by Mr. T. Mason), the School teams also reached the final four in the 1st, 2nd and 4th Grades, while the 3rds, which at the beginning of the season was comprised almost entirely of inexperienced players was undefeated in the minor competition.

Representative honours were gained by Kerslake, Black, MacNaughton in the C.H.S. 1st Fifteen, and by Greenhalgh, Sparks, Summerhayes, and Campbell in the 2nd XV. Of these Summerhayes commenced his football only last year with the Thirds, while Campbell did not begin until this year.

In addition to the competition teams, sixteen teams, graded on a weight basis, were engaged in weekly Park matches. This not only provided experience and healthy exercise, but should prove a valuable recruiting ground for future representative teams.

At the end of this year many players who have been prominent for several seasons will be finishing their school careers, but it is expected that other players will come forward and worthily uphold the reputation of the school.

FIRST GRADE.

The 1st XV experienced a successful season and eclipsed its previous record for several years. Although defeated in the practice games, the team displayed excellent team spirit and gradually improved until it became one of the strongest combinations in the competition.

Victories were registered against all the Metropolitan High Schools with the exception of Hurlstone and Canterbury, who nevertheless were held to a 5 to 6 and 5 to 7 decision. Also, for the first time for several years, the "Old Boys" were defeated by 9 points to 3.

In keeping with the football tradition of the school the strength of the team was in the forwards. Kerslake, Black, MacNaughton, and Campbell were probably the best of a very fine pack, while Greenhalgh, as half, was also a tower of strength.

This year Maitland High School came to Sydney for the annual match, concerning which we quote from the captain's report: "The annual match against Maitland High School was again the most enjoyable match of the year. If this year's team has done anything to help develop the fine sporting spirit displayed in this match, it should feel amply repaid for its efforts. Although we lost to Maitland, everyone agrees that it was the most successful match of the year." At present the suggestion is being considered to extend the annual

match into a triangular contest to include another fine sporting school, Taree High.

The team:—

G. Kerslake (Captain): Front row forward, equally effective in the ruck play and in the loose. Captained last year's team and represented 1st C.H.S. in both 1933 and 1934. In addition to playing sterling football, displayed qualities of sportsmanship and leadership as Captain.



The First Fifteen, 1934.

- J. Greenhalgh (Vice-Captain):** Half-back. Represented in 2nd C.H.S. team. Has played excellent football throughout, both in attack and defence. Worked his way up to first team from sixth grade.
- A. W. Sparkes:** 2nd row forward. Represented in 2nd C.H.S. team. Showed himself to be a hard and determined ruck man, also proved a great asset in the lineouts. Entered the school in 4th year from Randwick I.H.S.
- E. Black:** Breakaway forward. Represented in 1st C.H.S. team. Fast, hard-running player who shows promise of greater things. Entered the school in 4th year from Neutral Bay I.H.S.
- J. Gregory:** Wing-threequarter. Hard runner and determined defender, with a good pair of hands. Entered school in 4th

year from Ultimo C.T.S. Unlucky to miss representative honours this year.

Gunee: Full back. Has played very well for his first season at Rugby, having played only Australian Rules previously.

Benson: Front row forward. A good all round forward, who keeps well on the ball. Never relaxes on field of play.

Goode: Five-eight. Rather light for the job, but his safe handling saved frequently. Entered school in 4th year from Cleveland St. I.H.S. Promises to develop into a successful full-back in 1935.

S. Rizzo: Front row forward and wing-threequarter. A great trier and hard worker. Although unused to wing position, he helped his side admirably in that position.

S. Martin: Lock forward. Had not represented the school until last year, when he was "found" playing in a park team and secured a place in the first team. Good defender and line-out man.

Tooker: Second row forward. A very hard man to stop and a fierce rucker. Entered the school in 4th year from Ultimo C.T.S.

S. Macnaughton: Hooker. Represented in 2nd C.H.S. team. This player was unlucky not to be included in the 1st C.H.S. team for he was an outstanding player, always on the ball. Came into 4th year after having completed the Intermediate course at Cleveland St., where he played in the 1st team.

Campbell: Breakaway forward. Represented in 2nd C.H.S. team. Very fast and tricky runner, who shows great possibilities. Entered the school in 4th year from Fort St. H.S. and played Rugby for first time this year—being recruited from Australian Rules.

Summerhayes: Centre-threequarter. Represented in 2nd C.H.S. team. Shows promise of developing into an excellent centre or wing man. Was elevated from 2nd grade to the 1st grade and proved worthy of his place.

J. Beale: Centre-threequarter. Has plenty of pace and safe hands; he should develop with more experience into a really good back.

Results of First Grade Matches.

1st ROUND.

- Technical v. Ultimo, won 14-6.
 „ v. Parramatta, won 22-12.
 „ v. Hurlstone, lost 5-6.

Technical v. Sydney, Won 13-6.
 " v. North Sydney, lost 3-5.
 " v. Fort Street, won 5-0.
 " v. Canterbury, lost 5-7.

FINAL ROUND.

Technical v. Sydney, lost 3-9.
 " v. Hurlstone, lost 0-9.
 " v. North Sydney, won 9-3.
 " v. Old Boys, won 9-3.

SECOND GRADE.

During 1934 our Second Grade Team had rather a successful season, being fourth to Commercial High, a strong team, which may well be taken as a model for Tech.'s future teams. Tech. qualified for the semi-finals, being amongst the four leading teams.

The results show a vast improvement over those of the previous season. Tech. played ten matches and registered four wins and six losses.

The season was commenced with players who were new to the game of Rugby, but in a very short while many had learnt the game. In the early matches not much variety was apparent, and, unfortunately, all through the season "off-side" play was too common. Moreover, many players did not strive to overcome faulty handling of the ball.

Half-way through the season the team was slightly disorganised owing to the transfer of certain players to strengthen the First Grade team.

One player deserving special mention is W. Roper, who rarely failed to rise to the occasion when called upon to do his part, and one who was transferred to First Grade.

Every member enjoyed the clean football which was very strongly contested, although several defeats were suffered. Despite the defeats, which might have discouraged any team, the Second Grade never lost heart and every player strived his utmost to play his best.

Results were as follows:—

v. Central Tech., won 6-0.
 v. Commercial High, lost 3-15.
 v. Hurlstone, lost 3-8.
 v. North Sydney, won 6-3.
 v. Fort Street, won 9-0.
 v. Sydney High, lost 5-12.
 v. Canterbury, won 6-0.
 v. Hurlstone, lost 0-6.
 v. Sydney High lost 3-6.
 v. Commercial High, lost 0-39.

THIRD GRADE.

Although the Third Grade Team was not successful in reaching the finals of its competition, it was undefeated in the minor premiership. This was quite a good performance for a team of very inexperienced players. The early defeats of the season indicated that bad tackling and lack of speed and combination among the backs were the most prominent faults. The forwards, who were a heavy pack, should have made more attempts to attack with the ball at the toe, which was an effective movement when employed. In scrums and line-outs they were consistently successful in winning the ball, but the backs were unable to make good use of it. As the players in general grew more experienced, the standard of play improved.

The outstanding forwards were Hodgkinson, Boshell and Dickey, while in the backs, Blackmore, Edwards and North were prominent. Some members of the team played in higher grades, while three—Boshell, Hodgkinson and Edwards—were selected to play in the Combined High Schools' Team. The players are very grateful to Mr. Davies and Mr. Ryan for advice and instruction on many phases of the game.

Results for the season were as follows:—

v. Central Tech., lost 0-12.
 v. Parramatta, lost 0-29.
 v. Hurlstone, lost 0-23.
 v. North Sydney, drawn 6-6.
 v. Fort Street, won 11-3.
 v. Sydney, lost 3-11.
 v. Canterbury, lost 3-8.
 v. Central Tech., won 12-3.
 v. Fort Street, won 8-3.

FOURTH GRADE.

Although this team was not as successful as previous Fourth Grade Teams, it was probably the keenest ever fielded by "Tech." At the commencement of the season the players were quite young and inexperienced, and by their keenness and enthusiasm they moulded themselves into quite a fair team, and won their way into the semi-finals.

The pack of forwards, although extremely light, were willing and determined, and in the latter stages of the competition played splendid football, particularly in the Canterbury game, where they beat a pack much heavier than themselves. Barton was a real tiger and Lopez quite sound. The front row were fair footballers, and Hannam and Crashaw combined well in the second row, while Reid as lock played quite good football.

The backs combined fairly well, and of these Cullen and McClelland stand out as fast, game men. Thomas proved himself a sound five-eighth and made some splendid openings. Much promise was shown by Causey, and particularly by Samms, who is the makings of a very fine winger. J. Watson proved himself a very capable captain, whose keenness did a great deal to create the fine team spirit.

To Mr. McCurley and Mr. Bradley the team expresses its thanks for their untiring efforts.

FIFTH GRADE.

Our Fifth Grade players did not cover themselves with distinction this year, but most of them worked hard enough. At times irregular attendance at practice and apparent inattention to much-needed advice rather discouraged those in charge of the team; still, on the field, the team was always prepared to fight to the last whistle. The unfortunate losses sustained by the team through illness and accident were accentuated by the fact that some of our best players, like Reidy, left during the season to take up positions in the world outside the school. In the middle of the season the filling of the position of "half" and "full back" is most difficult and results in the disorganisation of the whole team.

Looking through the reports on the various matches one notices the usual circle of mistakes and cautions. The need for more aggressive play by forwards, the lack of cohesion among the backs, poor tackling, bad handling of the ball, weak kicking—all the customary complaints are there.

Of the team, Goddard was easily the most outstanding member. Reliable and solid, he proved a tower of strength to the forwards and an inspiration to the backs. Bryant, as wing three-quarter, played very solidly and could be relied on in time of emergency. Allerton, Hayes and Nickson distinguished themselves many times, and if Reidy had remained at the school his name would have figured largely in this report.

SIXTH GRADE.

The Sixth Grade XV had a successful season and managed to win a very interesting competition by one point from Canterbury High School. In all, nine competition matches were played, one match with Sydney High being lost and one with Canterbury being drawn. The team scored 113 points against the opposing teams, whose aggregate score was 18 points.

The results of the matches were as follows:—

- v. Parramatta, won 15-0.
- v. North Sydney, won 8-0.
- v. Sydney High, lost 3-9.
- v. Fort Street, won 16-0.
- v. Canterbury, drawn 3-3.
- v. Hurlstone, won 27-0.
- v. Fort Street, won 9-6.
- v. Canterbury, won 5-0.
- v. Sydney High, won 27-0.

Of the 28 tries scored during the season, 21 were scored by the backs and 7 by the forwards.

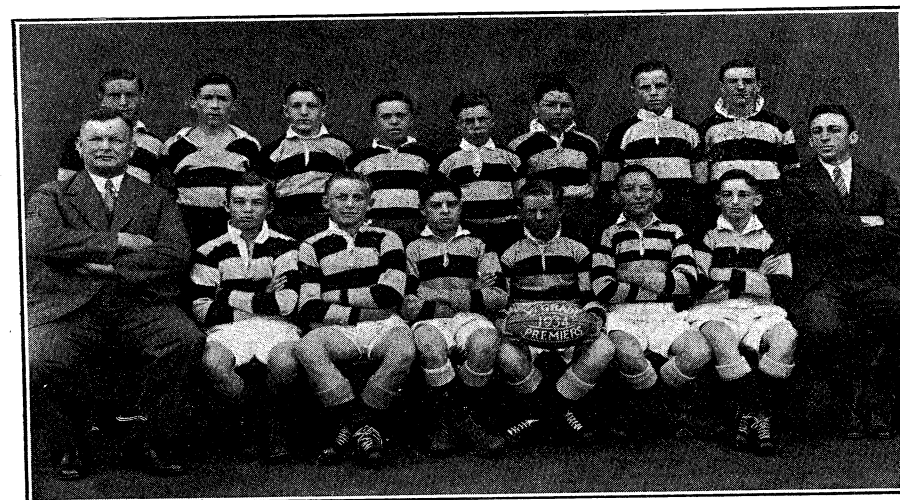
The team showed great enthusiasm, attended practice regularly, and gave some very good exhibitions, especially in the return match with High at Centennial Park.

The following players secured places in the team during the season:—

T. Barlow (Capt.), N. Waters (Vice-Capt.), L. Livingstone, H. Morton, J. Goodwin, J. Simpson, E. Robinson, J. Lidbury, G. Smith, G. Reece, J. Brett, W. Lee, L. Alexander, G. Lowder, R. Woolnough, W. Collier, J. Reidy, W. Gould, D. Arthur.

Livingstone proved himself a versatile half-back, and was a host in himself. He was well supported by his three-quarter line.

The forwards did their part well and were given a splendid example by the Captain, who was always on the ball.



Sixth Grade, Premiers, 1934.

Livingstone was top scorer with 6 tries, 6 goals and 3 penalty goals.

Waters, 6 tries, 1 goal; Morton, 5 tries; Goodwin, 3 tries; Alexander, 3; and Brettle, Smith, Reece, Woolnough and Reidy 1 each were the other scorers. Several of our best players did not score, not being placed in scoring positions, but they were responsible for others doing so.

The team, with their coach, Mr. Mason, celebrated a successful season by making an afternoon excursion to Taronga Park. The half-backs were found studying the tricks of the monkeys, getting dodges for next season; the wingers were keen on the kangaroos, so that we can expect something speedy from them also. The forwards thought that perhaps the hippo. would give them a few points for wet weather conditions.

However, congratulations and good luck, Sixth Grade.

P.S.—They all managed to get back from Taronga.—Editor.

CRICKET.

FIRST GRADE.

The first and second grade cricket in the school is still below the standard required in a first-class high school. For the majority of the players the elementary essentials in batting, bowling and fielding are still shrouded in mystery.

Until our players learn that for the batsman the basic principle is a straight bat, and for the bowler that length comes first, we shall still continue in the doldrums of cricket.

A. Walsh, a newcomer to the 1st XI, clearly demonstrated to his team mates that a straight bat pays.

J. McDonagh knows the value of a straight bat and made runs until he adopted agricultural strokes. At the beginning of the season he was a thorn in the side of the opposing batsmen. Good length bowling was responsible.

A. Roper, who collected the bowling average, did not make the best use of his pace, as his direction was faulty and he was far too erratic.

J. Tooker, who has all the physical attributes of a bowler, should with solid practice develop into a good fast bowler.

L. Livingstone played only two innings with the 1st and, although on the small side, shows excellent promise of developing into a good cricketer.

N. Onus batted well at practice, but failed repeatedly in matches.

A. Benson batted poorly, but his keen fielding was outstanding.

J. Watson bowls a nice off-break, but sacrifices length for pace.

A. Edwards gave one or two good displays of wicketkeeping, but on other occasions fell below standard in this department.

THE RESULTS OF THE SECOND HALF OF THE SEASON, 1933.

MATCHES.

1. Sydney won by 68 runs on the first innings.
2. Technical won by 6 wickets against Enmore.
3. Fort Street won by 30 runs on the first innings.

INDIVIDUAL ACCOMPLISHMENTS.

1. **A. Roper** gained selection in the Combined High Schools' team and won the school bowling average with 12 wickets at 9.1 per wicket.
2. **A. Walsh** headed the batting average with 24.3.
3. **L. Livingstone** was selected in the School Boys' Sheffield Shield Cricket. He had marked success while batting against Victoria, scoring 112 (retired) and took 2 wickets for 14 runs. Against the team from Queensland he scored 51 runs. Congratulations!

FIRST GRADE BATTING AVERAGES.

			Not		Highest	
	Innings.	Out.	Total.	Score.	Average.	
A. Walsh	..	3	0	73	46	24.3
L. Livingstone	..	2	1	21	21	21.0
J. McDonagh	..	6	0	121	36	20.1
R. Whyte	..	5	0	47	18	9.4
A. W. Roper	..	4	0	36	20	9.0
N. Onus	..	3	0	22	14	7.3
H. Benson	..	4	0	24	16	6.0
J. Watson	..	2	0	12	7	6.0
A. W. Edwards	..	3	0	12	6	4.0
J. Tooker	..	5	0	16	12	3.2
R. Thomas	..	5	3	6	5*	3.0
P. Well Drake	..	1	0	2	2	2.0

* Not out.

FIRST GRADE BOWLING AVERAGES.

		O.	M.	R.	W.	Ave.
A. Roper	..	43	10	110	12	9.1
R. Whyte	..	5	0	33	3	11.0
J. McDonagh	..	42	3	186	12	16.5
J. Tooker	..	37	3	139	8	17.4
P. Well Drake	..	6	0	23	1	23.0
R. McFarlane	..	14	1	55	2	27.5
A. Walsh	..	3	0	18	0	—
L. Livingstone	..	3	0	19	0	—

SECOND GRADE.

Reviewing the closing of last season and the beginning of this, much the same criticism applies to the second grade as to the first grade.

Defence in batting—and this means a straight bat—must come first. Until this aspect of the batting is sound, stroke making is out of the question, as the batsman will be on his way to the pavilion before he has an opportunity to make strokes.

Fielding is one of the most important parts of the game and is probably the most neglected by boys. Bad fielding takes the heart out of the best bowlers and is responsible for the loss of many matches. Examine the number of catches that were refused by the English test team in the last series and consider the result of these lapses.

The second grade players have so far won two matches and drawn two. This is a good performance as their side was changed continually on account of their leading players being promoted to the first grade.

Randall: A good field. Forcing bat, but poor defence. Should try and develop the leg break.

Martin: A bit faster than medium. Very safe in the field. In batting foot work and hence forward and back play weak.

McKnight: A sound opening bat. Running between the wickets very weak.

Watson: A fair bat and field. Has a good off-break but poor length.

Bremner: A bowler of medium pace with a good nip off the pitch. Weak in batting and fielding.

MATCH SCORES.

Drew with Canterbury (Livingstone 23, Randall 23).

Won from Hurlstone (Walsh 68 n.o., McKnight 32, Walsh 3-7).

Won from North Sydney (Livingstone 53 and 29 n.o., Livingstone 4-30).

Drew with Parramatta (Randall 30 n.o., Bremner 5-44).

SECOND GRADE BATTING AVERAGES.

			Not		Total.	Highest	
			Innings.	Out.		Score.	Average.
Livingstone	..	..	4	1	122	53	40.6
Walsh	..	..	3	1	73	68*	36.5
Randall	..	..	6	2	76	30*	19.0
Watson	..	..	5	0	67	18	13.4
Hall	..	..	3	1	23	17	11.5
McKnight	..	..	6	0	69	32	11.5

* Not out.

SECOND GRADE BOWLING AVERAGES.

	O.	M.	R.	W.	Ave.
Bremner	22	4	73	10	7.3
Livingstone	14	2	49	5	9.8

THIRD GRADE.

This team has had a very satisfactory season to date, having won two matches, drawn one and lost one. Throughout, the field has given splendid support to the bowlers. A very pleasing display was given in all departments of the game and this team was shaping into a fine combination. It seems a great pity that this good work must now be lost through the inevitable winter break in the competition. However, we hope that the good tradition will be carried on by the new combination.

Outstanding batsmen are Greenhalgh and Hockley, while Gregory and Hockley have distinguished themselves in the bowling averages.

FOURTH GRADE.

Of the three matches to date, this team has lost two and won one. Rather ragged at the beginning of the season, the team-work was greatly improved in the last match. The bowlers worked commendably right through and showed latterly what they could do with adequate support in the field. Fast bowlers, however, must learn to sacrifice speed to accuracy and length.

Batting was not so satisfactory, players showing a lack of judgment in selecting the right ball to hit. We are sorry to have lost the captain, Mountain, who was a tower of strength at the crease in time of need, and on one occasion saw the whole side dismissed with his own wicket still intact. Dalzell, his successor, is already showing himself a good leader, and has the wholehearted support of his team mates.

Players worthy of special mention are Mountain (batting and bowling), Dalzell, Comelsen, Evans, Lowder (bowling). Smith and Alexander showed improved batsmanship.

THE ANNUAL SWIMMING CARNIVAL, 1933.

The School Carnival, held at Coogee Aquarium Baths on December 5, 1933, proved very successful. Nearly every boy in the school participated and the standard of swimming was very high, despite the fact that no records were broken.

The Senior Cup was won by G. Kerslake, 15 points, while S. Paton was runner-up with 11½ points. The Junior Cup went to O. Doerner, whose 15 points out-distanced W. Pearce with 12 points.

The Under 14 Cup was taken home by F. Howell, who, with 10 points, proved too good for C. Turner, 7 points.

In the class competitions 5B gained 23½ points, 4A 14½ points, 3B 15 points, 2C 11 points and 1C 29 points.

RESULTS.

Senior Championships.

50yds.—G. Kerslake 1, W. Sparkes 2, L. Walsh 3. Time, 28 1-10secs.

100yds.—G. Kerslake 1, L. Walsh 2, S. Paton and W. Sparkes 3. Time, 1min. 6½secs.

220yds.—S. Paton 1, G. Kerslake 2, L. Walsh 3. Time, 2min. 53secs.

440yds.—S. Paton 1, L. Walsh 2, S. Rizzo 3. Time, 6min. 13½secs.

880yds.—S. Paton 1, L. Walsh 2, G. Kerslake 3. Time, 13min. 2½secs.

100yds. Back Stroke.—G. Kerslake 1, S. Rizzo 2, E. Black 3. Time, 37½secs.

100yds. Breast Stroke.—E. Black 1, S. Paton 2, L. Walsh 3. Time, 1min. 33½secs.

Diving Championship.—G. Kerslake 1, F. Hart 2, N. Wilson 3.

Junior Championships.

50yds.—O. Doerner 1, W. Pearce 2, A. Swinbourne 3. Time, 29½secs.

100yds.—O. Doerner 1, W. Pearce 2, F. Bellingham 3. Time, 1min. 7½secs.

220yds.—O. Doerner 1, W. Pearce 2, A. Swinbourne 3. Time, 3min.

440yds.—O. Doerner 1, W. Pearce 2, F. Bellingham 3. Time, 6min. 39secs.

50yds. Back Stroke.—O. Doerner 1, S. Martin 2, W. Pearce 3. Time, 36½secs.

50yds. Breast Stroke.—D. Gunnee 1, J. Grant 2, K. Falson 3. Time, 37½secs.

Junior Diving Championship.—W. Pearce 1, J. Woolacott 2, J. North 3.

Under 14 Championships.

50yds.—C. Turner 1, F. Howell 2, J. Williams 3. Time, 34½secs.

100yds.—F. Howell 1, C. Turner 2, N. Braund 3. Time, 1min. 20½secs.

220yds.—F. Howell 1, C. Turner 2, N. Braund 3. Time, 3min. 28½secs.

33yds. Back Stroke.—S. Thompson 1, B. Fowler 2, K. Clarke 3. Time, 29½secs.

33yds. Breast Stroke.—C. Nickson 1, K. Clarke 2, F. Howell 3. Time, 29½secs.

Diving Championship.—C. Nickson 1, J. Woolacott 2, F. Howell 3.

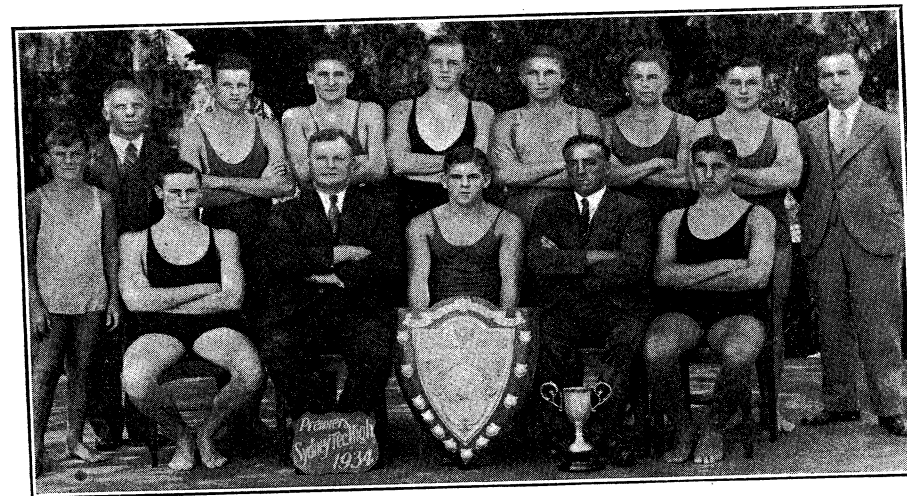
Special Event.

100yds. Old Boys' Championship.—A. Grozier 1, B. Prideaux 2, K. Browncombe 3. Time, 1min. 5½secs.

SWIMMING CHAMPIONSHIPS, 1934.

The 1934 Swimming Championships were decided in February and, in future, swimming carnivals will be held in the early months of the year.

Four records were broken in the contests.



Senior Swimming Teams, 1934.

RESULTS:

Senior Cup.—L. Walsh.

Junior Cup.—W. Bennett.

Under 14 Cup.—H. Morton.

Senior 50yds.—W. Sparks. 25secs.

Senior 100yds.—L. Walsh. 64secs.

Senior 220yds.—L. Walsh. 2min. 39½secs. Record.

Senior 440yds.—L. Walsh. 5min. 50secs. Record.

Senior 880yds.—L. Walsh. 12min. 36secs.

Senior 100yds. Breast Stroke.—D. Gunnee. 1min. 24½secs.

Senior 50yds. Back Stroke.—E. Black. 39secs.

Diving.—J. Woolacott.

JUNIOR RESULTS:

50yds.—W. Bennett. 29½secs.

100yds.—W. Bennett. 64½secs. Record.

220yds.—W. Bennett. 2min. 59½secs.

440yds.—W. Bennett. 6min. 44secs.
 50yds. Breast Stroke.—J. Grant. 35 $\frac{1}{2}$ secs. Record.
 50yds. Back Stroke.—J. Grant. 39 $\frac{1}{2}$ secs.
 Diving.—J. Woolacott.

UNDER 14:

50yds.—H. Morton. 34 $\frac{1}{2}$ secs.
 100yds.—H. Morton. 1min. 17 $\frac{1}{2}$ secs.
 220yds.—J. Braund. 3min. 20secs.
 33yds. Breast Stroke.—J. Garland, 27 $\frac{1}{2}$ secs.
 33yds. Back Stroke.—J. Fowler. 27secs.

C.H.S. SWIMMING, 1934.

The school had a most successful day, winning the Senior Shield for the second time in the history of the school. Our previous success was in 1928, when Noel Ryan and D. McKenzie were largely responsible. On this occasion, however, we had no outstanding champion and we won by wonderful team effort in every event. In fact, every boy who represented the school in any race secured a place in the final. This is the second time that "Tech." has accomplished this feat.

Special tribute must be paid to George Kerslake, who swam in every Senior event except the Breast Stroke. Whether he was called on for 1st, 2nd, or 3rd Divisions, he answered without hesitation and contested every one with determination. His record for the day was:—1st Senior Dive, 1st Div.; 1st Senior 50yds., 3rd Div.; 2nd Senior 220yds., 2nd Div.; 4th Senior 100yds., 1st Div.; 5th Back Stroke, 1st Div.; 1st 880yds., 2nd Div.; 2nd Senior 440yds., 2nd Div. He was also a member of the relay team, which was placed second.

The only other senior to win a first division was Gunnee, in the Senior Breast Stroke. Gunnee is largely responsible for our success in all divisions of Breast Stroke, as he had charge of the coaching of the juniors and under 14 boys.

Looking back over the years we must acknowledge our debt to Noel Selman, who started our sequence of great breast stroke swimmers and then handed on his knowledge in turn to W. Green, K. Murray and now to Gunnee.

Every other member of the team did his own particular part in the victory. They had to, as we were seldom better placed than 4th in first divisions, which meant that our 2nd and 3rd division swimmers had to hold the team points.

RESULTS: TECH. 91, FORT STREET 71 $\frac{1}{2}$, SYDNEY HIGH 70 $\frac{1}{2}$.

JUNIORS.

The Juniors had a close contest with Sydney High, but went down 84 points to 94.

W. Bennett was the outstanding performer, winning the 50yds., 1st Div.; 100yds., 1st Div.; 3rd, 220yds., 1st Div.; 2nd, 440yds., 1st Div.; and was a member of the winning relay team.

Grant was unlucky to be beaten by a touch in the Breast Stroke.

In this division, as in the senior, every boy did his best and secured a place. A little change of luck would have brought this shield home as well as the senior.

UNDER 14.

Our under 14 team received a shock a week or two ago when their champion, "Stork" Howell, broke his leg.

However, they pulled in their belts and trained a little harder, with the result that, although they did not win a 1st Division event, they also were placed in every final and secured 35 points, placing them in 3rd place for their division.

RESULTS: SYDNEY HIGH 90, NORTH SYDNEY 40, TECH. 35.

Finally, we wish to congratulate the school on their barrack-ing and interest, and we were specially pleased to see a good crowd present to give the final war cry of victory.

We also appreciate the many congratulations received from representatives of other schools and hope our school can always lose with such good grace.

Individual Results.

Senior 50yds.—1st Div., Sparks 5th; 2nd Div., Walsh 2nd; 3rd Div., Kerslake 1st.

Senior 100yds.—1st Div., Kerslake 4th; 2nd Div., Sparks 4 $\frac{1}{2}$; 3rd Div., Walsh 1st.

Senior 220yds.—1st Div., Walsh 3rd; 2nd Div., Kerslake 2nd; 3rd Div., Campbell 1st.

Senior 440yds.—1st Div., Walsh 4th, 2nd Div., Kerslake 2nd; 3rd Div., Swinbourne 1st.

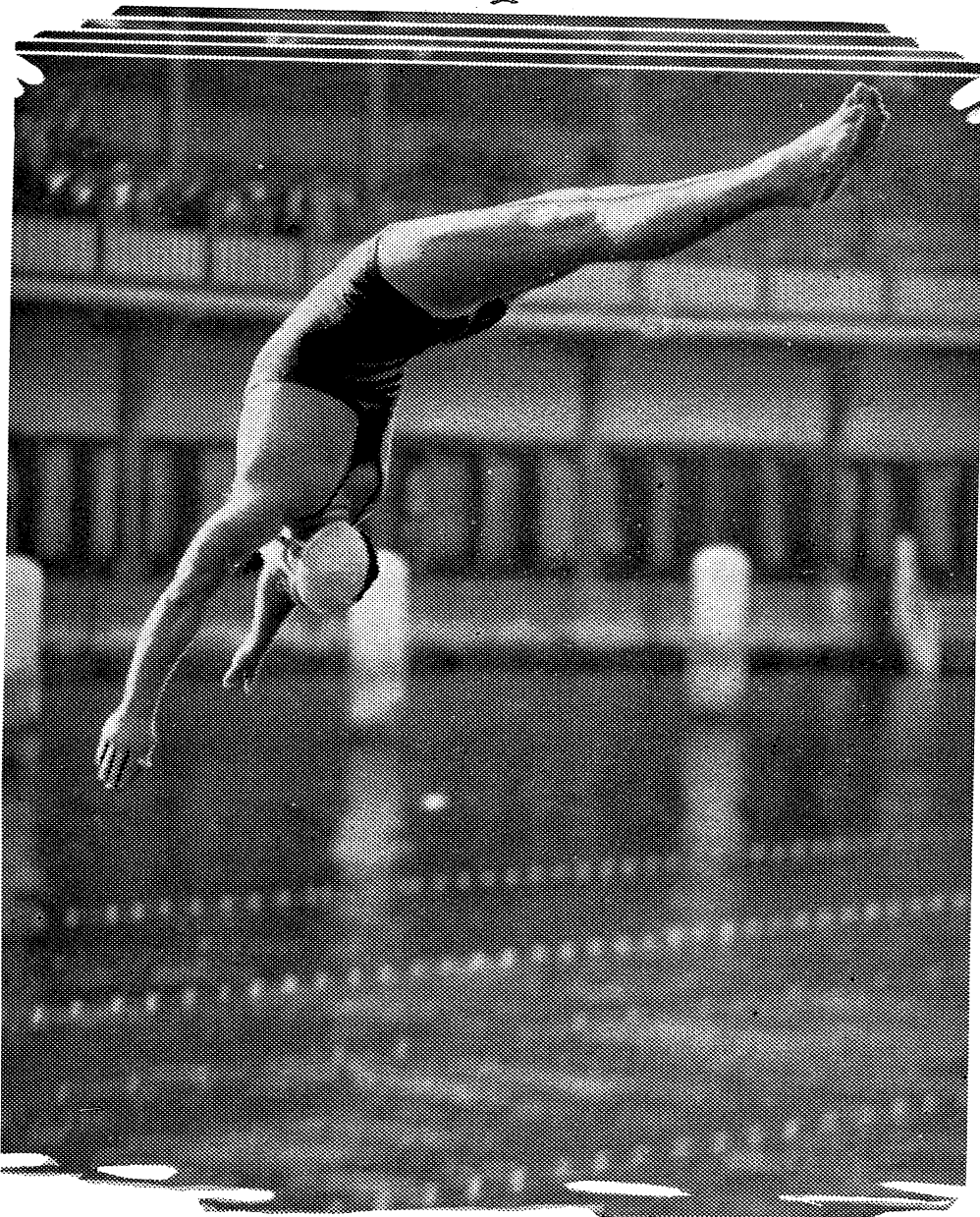
Senior 880yds.—1st Div., Walsh 4th; 2nd Div., Kerslake 1st; 3rd Div., Swinbourne 2nd.

Senior Breast Stroke.—1st Div., Gunnee 1st; 2nd Div., Black 2nd; 3rd Div., Campbell 3rd.

Senior Back Stroke.—1st Div., Kerslake 5th; 2nd Div., Rizzo 1st; 3rd Div., Black 2nd.

Senior Dive.—1st Div., Kerslake 1st; 2nd Div., Hart 5th; 3rd Div., Woolacot 3rd.

Senior Relay.—Kerslake, Sparks, Walsh, Beale, Black, Rizzo, 2nd.



G. Kerslake, Senior Diving Champion.
—Block by courtesy of "Sydney Morning Herald,"

JUNIORS.

50yds.—1st Div., Bennett 1st; 2nd Div., Bellingham 4th; 3rd Div., Martin 1st.
100yds.—1st Div., Bennett 1st; 2nd Div., Bellingham 1st; 3rd Div., Batt 2nd.
220yds.—1st Div., Bennett 3rd; 2nd Div., Bellingham 4th; 3rd Div., Batt 2nd.
440yds.—1st Div., Bennett 2nd; 2nd Div., Bellingham 3rd; 3rd Div., Johnson 2nd.
Breast Stroke.—1st Div., Grant 2nd; 2nd Div., Barber 4th; 3rd Div., Armstrong 3rd.
Back Stroke.—1st Div., Grant 4th; 2nd Div., Martin 1st; 3rd Div., Turner 5th.
Dive.—1st Div., Woolacott 2nd; 2nd Div., Nicholson 2nd; 3rd Div., Gould 2nd.
Relay.—Bennett, Bellingham, Martin, Barber.

UNDER 14.

50yds.—1st Div., Morton 5th; 2nd Div., Ball 5th; 3rd Div., Johnson 3rd.
100yds.—1st Div., Morton 4th; 2nd Div., Ball 4th; 3rd Div., Johnson 2nd.
220yds.—1st Div., Braund 4th; 2nd Div., Ball 2nd; 3rd Div., Morton 1st.
Breast Stroke.—1st Div., Garland 2nd; 2nd Div., Nicholson 2nd; 3rd Div., Braund 1st.
Back Stroke.—1st Div., Fowler 2nd; 2nd Div., Hall 2nd; 3rd Div., Braund 2nd.
Relay.—Morton, Ball, Johnston, Grozier, 5th.

WATER POLO.

The school still holds the Shaw Cup, being Premiers for 1933.

In the 1934 competition we are at the top of the competition with Fort Street. We have lost one match, 1-0, to Fort Street and twice played a drawn game with them. Fortunately for us, Sydney defeated Fort Street in the opening match of the season. With only one round to play we will be on our mettle to defeat Fort Street on October 24th. This match will probably decide the competition.

Kerslake is still our mainstay, while Walsh and Rizzo are also first-class players. Gunnee has developed into a champion goalkeeper. The other members of the team, Sparks, Beale, Black and Grant, though not up to the standard of the big three, are good triers and, though they sometimes make mistakes, we realise they are doing their best for the side.

Next year's prospects seem bright with juniors C. Turner, F. Howell, F. Hart, J. Braund and J. Garland all taking active interest.

TENNIS.

A survey of school tennis activities for the year indicates the necessity for home practice by all those who desire to represent the school in grade matches. Tennis requires much more constant practice and concentration than is possible in the short space of time available on Wednesday afternoons. Unfavourable weather has also frequently prevented both practice and matches.

The standard of tennis at present in the school is not very high and, although a goodly amount of enthusiasm has been displayed, assiduous attention to stroke production and doubles tactics and position is necessary if the school is to maintain its previous high reputation in the world of school tennis.

There will be many vacancies to fill in next year's grade teams, so that aspirants for these positions are requested to concentrate their efforts on fitting themselves to represent the school next year.

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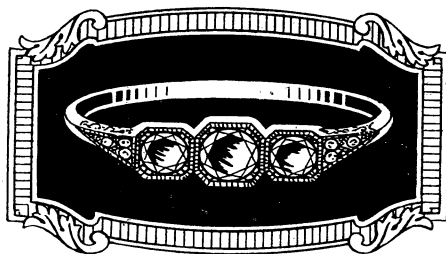
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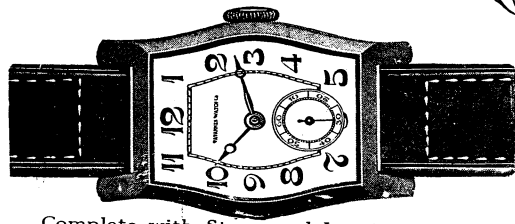
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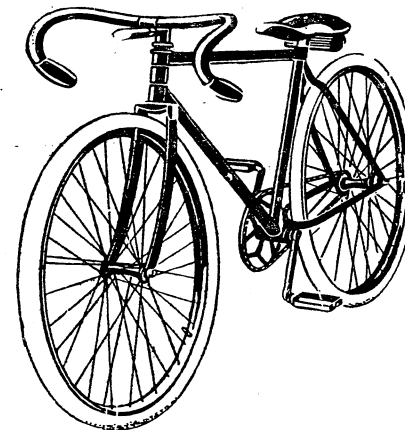
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