

LOOKING AT THE FUTURE

Imagining the future of our race could be called a universal pastime. For only now, in this age of pearly ideals, of exploited genius, is our future really shaky; complete holocaust only a button away. The situation then, in the year 2021, could be many times worse or (though this is not my personal belief) many times better. Only the next few decades will tell.

By then the population will be double the present count. Roughly eight thousand million. Birth control would be compulsory, the maximum number of children to a family either one or two. To supply the two million tons needed for existence each day, food production would be supplied by giant hydroponic fields, using nutrients unheard of at the moment. Living on or in the sea is very likely for many millions at least, with possible giant sea farms for further supplement to combat the inevitable entropy of edible matter. At least a third of the world would go hungry, though improved social systems may have abolished the possibility of localised wars and extreme famine. It is safe to say, with increased medical technology that the average life span would be at least 100 years.

Pollution, of course, would have wiped clean away what we know today, both in the air and beneath the sea. Man would live in enclosed ventilated shelters. His skin, as it grew slowly more pale, would become increasingly supple with the absence of "harmful" solar rays. Animals would also be in shelters, though perhaps, not in their present numbers. These animals would be retained partly through conscience, partly remorse. A memory of what had once been but would never be again.

However, as I stated earlier, this is not my personal belief. The situation would be anything but "many times better." No, I believe in the negative, "many times worse," theory: nuclear war.

At present, our major powers store about two thousand, ten megaton (one megaton equals a million tons of T.N.T.) missiles. This is roughly enough for "Armmageddon" five times over. This is not enough naturally, for our scientists, who now theorise a far more efficient "Cobalt Bomb", or doomsday device.

Very clever, and very final.

PETER LEWIS, 6th Form.

SILENCE INTO NOTHING

Travelled to a place, a quiet place,
A place of peace in the country,
A place of hazy hills, of trees large and languid,
And by a creek; silent still waters
We counted stars, silent sentinals
Stark, still in the void.
We grasped for the silence . . .
But there was nothing there.

The dawn spread, night's cloak fading
And climbing, crawling, casorting the hills
Hills and hollows of silence,
We crawled in to find the silence
But there was nothing there.

Tomorrow becomes yesterday and tomorrow will pass.

You may disturb the universe
And silence will flee from your path.
For the reflections of the mirror will change
And distorted pass on.
For the large eared dog comes again . . .
And again . . . and waits,
And you must journey towards him.
The silence left . . . fled, fleetly flying
Sighing it went
And left us.

C. WHITFORD.

"The chief glory of every people arises from its authors".

SAMUEL JOHNSON.

PAIN

Pain is a disagreeable sensation arising from an injury of some description. Although pain occurs, and is usually felt at the site of injury it is interpreted in the brain. It is a protective mechanism because it is sufficiently unpleasant and without the aid of a sedative it takes you a long time to be relieved. It is a very common ailment, not just for people, but for all living creatures generally. Mental suffering is nothing out of the ordinary. This can be caused by sorrow and unhappiness, maybe over the death of a friend or relative.

Numerous numbers of children and young adults suffer pain through common sicknesses, including mumps, chicken pox and measles. A bad tooth can cause considerable worry. Usually when this occurs the patient goes to his local dentist where the "trouble-maker" is either filled or extracted, probably to the dismay of the victim.

Adults, like children, suffer from diseases which cause pain, but their sicknesses are of a different nature and are widespread compared with infants' ones. Operations may stop sicknesses from growing within the body and sedatives, maybe needles and tablets may be necessary.

Many famous doctors have formed remedies to halt sicknesses, thus preventing pain. Edward Jenner, who discovered a means whereby smallpox could be fought, was only one of the renowned physicians.

A person instinctively wants relief from pain, but sometimes he should not have it at once. The character of pain, its origin and its behaviour may be valuable signs in helping the doctor arrive at a diagnosis. Relieving pain too soon may indicate serious disease. If such pains are covered up by medication, and treatment of the underlying diseases is neglected, the outcome may be serious.

P. COLMAN, 2A.

WHEN TURTON ROAD IS WIDENED AT BOYS' HIGH

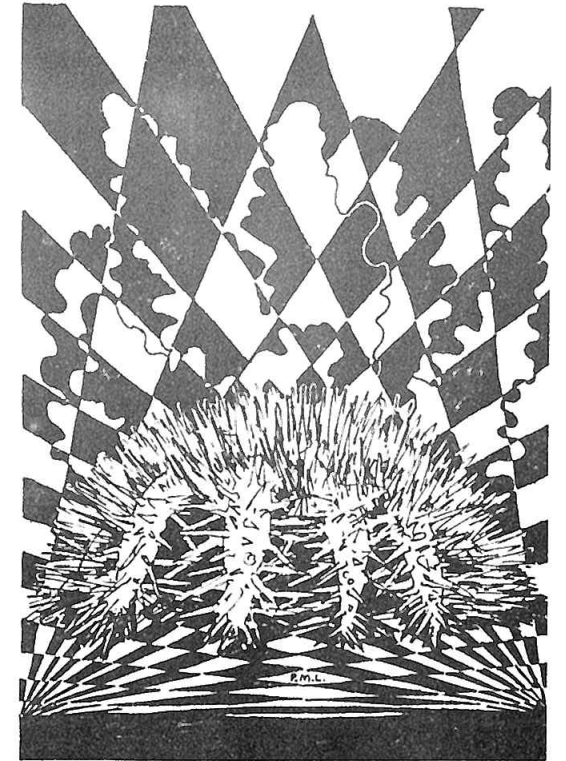
When Turton Road is widened at "Boys' High,"
And goutts of diesel smoke pollute the sky,
How with this rage shall beauty hold a plea?
So long as men can breathe or eye can see!
Is progress gained at sanctities expense?
Is progress worth its adverse recompense?
And will the clangour and ensuing grime,
Remove all forms of learning for all time?
So, now we face a time of grating gears,
And diesel engines ringing in our ears.
Remember on that hoarse-mute-throated day,
When patiences wear thin and tempers fray,
And hair begins to prematurely grey,
That education is the price we pay!

JOHN BRYAN, 6th Form.

SNAKE

Slimy, slithering, scarey snakes,
Cunning, cautious and carnivorous.

PHILIP COLMAN, 2nd Form.



THE EVIL CROWN

Bleached skeletons everywhere;
A spiky invader comes to view
Catching coral in its snare.
We have found death anew
Crowned in its hated glory,
Is this an end to a tragic story?

M. TAYLOR, 2nd Form.

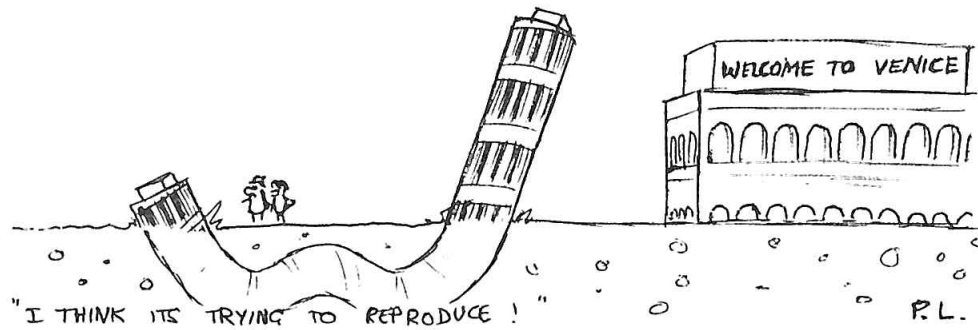
A CIRCLE

Death, macabre
Sometimes sorrow
Sometimes a salve,
We cannot borrow.

Birth, a job
Yet beautiful
To many folk
A marriage fruitful.

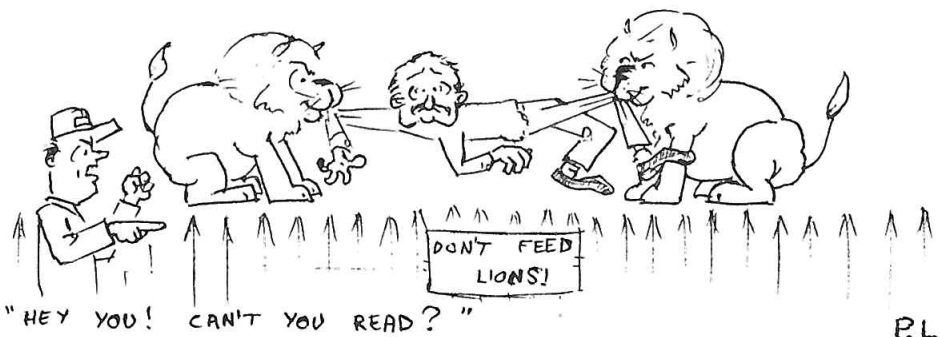
Life, work every day
A duty to the hutch
Friday night, bring home the pay
Heaven to a man on a crutch.

TERRY O'CONNOR, 3rd Form.



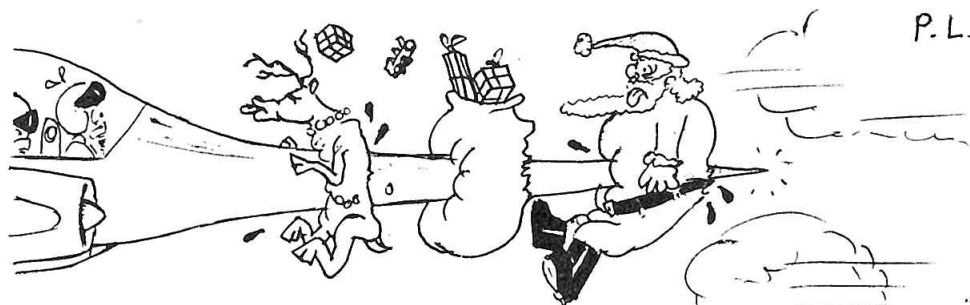
"I THINK ITS TRYING TO REPRODUCE!"

P.L.



"HEY YOU! CAN'T YOU READ?"

P.L.



"HEY FRED! REMEMBER THAT GROUP OF SPECKS WE SAW ON RADAR BACK THERE.....?"

P.L.

Written and Drawn by Peter Lewis

"WESTERN ENDEAVOUR"

It was fitting that the end of the era of the steam locomotives should culminate in perhaps the greatest steam train journey in the world—the epic journey of the Western Endeavour across the Australian continent.

The scene was Sydney Central Station, the time 8.25 a.m. on Saturday, the 22nd August, 1970. No. 1 Platform was occupied by a 13-car train, mainly sleeping cars. At the head end stood two large and powerful steam engines, in verdant green livery and lined in yellow. They were Nos. 3801 and 3813, two of the surviving four 38-class engines. The 38's were built in the 1940's, and represent the epitome of steam in N.S.W. They gave 25 years of sterling service on the Newcastle Flyers. 3801, 3813 and the whole Western Endeavour were fresh from the paint shops.

3801's shrill chime whistle echoed around the station, clouds of steam billowed out, and the W.E. had begun its marathon journey. Well-wishers crowded every vantage point to watch history in the making. From Penrith to Katoomba a 46-class electric engine was attached to assist the 38's with their 600-ton load over the Blue Mountains.

The train was divided into two sections between Orange and Parkes, because some of the bridges could not hold the combined weight of the two 38's (each weighs 200 tons). From Menindee to Broken Hill, some enterprising photographers followed in a plane. At Broken Hill the partial demolition of the disused local depot was necessary to provide kindling for 3801 on Monday morning!

The train reached Port Augusta on Monday night, and stayed there all Tuesday. On Wednesday morning at 7.50 a Commonwealth Railways diesel unit led 3801 and the train westwards. 3813 was left behind because of the enormous cost of coaling and watering two steam locos across the Nullabor. The diesel was used to help 3801 to conserve steam.

"What's that white fluffy stuff coming out on top?" queried one youngster when the W.E. stopped at Pimba, near Woomera. None of the children had seen a steam locomotive before, and some of them were given lumps of coal they could hardly carry away as souvenirs.

Cook was reached on Thursday 27th, and then began the longest railway straight in the world—297 miles to Nurina. At Cook, the dining car crew was noticed chasing a large black Labrador before breakfast. . . .

At 9.45 a.m. on Friday, the Western Endeavour steamed into Kalgoorlie. On Saturday morning at 1.45, 3801 led its train onto the final leg into Perth. Punctually at 3 p.m. the Western Endeavour steamed into Perth Terminal, watched by hundreds of people. The 2461-mile Indian Pacific Railway had been conquered by steam for the first and last time.

Next day, Sunday, 30th, the Western Endeavour travelled to Leighton Yard, a stone's throw from the Indian Ocean. 2483 miles from Sydney, this is the furthest distance one can travel from

Sydney on standard gauge.

The passengers had a week to spend in Perth. A narrow-gauge tour to the South West was run, and several passengers went to Port Hedland. Meanwhile, in South Australia, 3813 was busy on a tour from Adelaide to Tent Hill, 17 miles from Port Augusta. This tour was organised by South Australian railfans.

Sunday afternoon, September 6th, was the date of departure from Perth. A thousand people gathered to farewell the train.

The ultimate in motorcading occurred near Northam, W.A. In steady rain, an ABC cameraman stood on the roof of a station wagon pacing the train at 60 m.p.h., with tripod and camera.

On the Nullabor, 96 photographers hiked a quarter of a mile through sock-ruining saltbush to film a broadside of the whole train, 17 vehicles hauled by 3801.

3813 was picked up at Port Augusta, and the train proceeded to Broken Hill, where a free day was had. A tour had been planned over the closed Silverton Tramway line, but was abandoned because of bad trackage. Five dauntless enthusiasts went to Silverton to run their own mini-tour with a trolley. This, also, was abandoned with the discovery that a blazing log fire was in the hearth of a local public house.

The grand finale of the tour came between Lithgow and Zig Zag Box, up 1 in 40 grades. Standard goods engine 5476 was coupled on for a spectacular triple-header over the Blue Mountains.

The Odyssey ended at Central Station at 4.43 p.m. on Saturday, 12th September. 3801 had covered over 5,000 miles.

Great credit is due to the N.S.W. Rail Transport Museum, a society formed for the preservation of engines in running order and static, and rolling-stock from the New South Wales Railways. The Museum did all the organising and supplied the two locomotives. Railfans came from Britain, the U.S.A. and South Africa to travel on the Western Endeavour.

Praise is due also to the railways of N.S.W., S.A., W.A., and the Commonwealth for the tremendous support they gave.

A railfan's dream and six years of intensive planning had come to realisation with the Western Endeavour.

R. PATRICK, 2A.

WAR AND SNOW

A shot snaps the peaceful silence
A man falls
The night abruptly bursts into violence
A man calls
For help . . . Help that never comes.

Suddenly a flare bursts, trapping the infantry
below
Men fall in agony to live or to die
All is silent, except for the snow
And the women left home to cry.

W. MEARS, 3C.

SIN

Once upon a time there was a man,
who had nothing to do but sit and sing,
until one day He did His thing.

He made Himself a bit of space,
and in this void He did place,
some pieces of a broken glass,
they shone so well He called them stars.

He placed in it one green and blue,
so beautiful it was that He knew,
that this little bit would be the best,
far superior from all the rest.

He lit a match and made the sun,
heat and light from it did come,
Then He said "Let there be life,
but Adam dear boy keep out of strife."

He gave this chap a little girl,
the only one in all the world.
Her name was Eve, a good name too,
no sin from her, but temptation knew.

From all the trees they could eat but one,
the tree of good and evil was of the sun.
One day temptation struck the pair,
and were instantly sent away from there.

The world grew up and with it came,
many men the lot the same.
Sinners they were, they really had fun,
Till dear God said the time had come.
He told some guy to build a boat,
to hold elephants, through to hairy goats.
He said "Okay Noah, a pair of each,
into the ark out of waters reach."
For forty days and nights it rained,
the good and bad were quickly strained.
Until at last old Noah heard,
"Land Ho!" cried the small white bird.
The water went along with life,
all were dead, no stress or strife.
Start again! the order came
but this time He said not the same.
"I want GOODNESS and LOVE" in this here
place,

If there isn't I'll make some space
for a peaceful people somewhere else,
and the bad from here will go to Hell."

As the world got older the men got worse,

with sin and war and a flowing purse.
So once again He did the same,
but instead of death, Jesus came,
to save the people from their strife,
"Believe in Me, have everlasting life."

For three long years He spread the word,
until the Roman Emperor heard.
They nailed Him up to a wooden cross,
not thinking of the terrible loss
they inflicted on their worldly friends,
they thought of themselves like selfish fiends.
He came back to earth for forty days,
and the multitude, Him, did praise,
He then ascended and disappeared,
but the men of earth had been rightly steered.
At last they began to know their god,
Learned about Him and for what He stood.
They built cathedrals to worship Him,
and frowned on the devil and all his sin.

So the five days work had paid off,
and the sixth days rest was nothing to scoff.

Now next time you're about to sin,
bear a thought for Adam and what happened to him
and for all the men that drowned that day,
Just stop and think, "Does it pay?"

PETER GRAHAM.

LIFE

A solitary maiden on a corner
sings a hymn.
She hears a psalm.
They walk off — arm in arm.

An old man sits:
gently, patiently, reverently, a cup
at his feet.
The thud of coins reverberate in his mind
like the insignificant nail
being placed in his coffin.
He has been forgotten.

The wind which channels through the narrow
street
whisking away everything it meets
is only heard by the rustling of
paper money.

P. RUSSELL-GIBSON, 6th Form.

UNDER THE SEA

Here it comes once;
Here it comes twice;
Each time it comes as quiet as mice.
Is it a dolphin,
Or is it a shark,
Or an electric eel sending its spark?

But under here somewhere,
In its camouflaged home,
There hides a fish that looks like a stone.
There's coral all 'round me,
I cannot quite see
What lies underneath this great monstrous sea.

There's sand on the bottom;
Of that, I am sure,
And whoever owns it wouldn't be poor.
But as I am down here,
Just swimming alone,
I look for the fish that looks like a stone.

This camouflaged fish, which looks like a stone,
Is under here somewhere,
With nature, its home.
I swim round and wonder just where it could be,
Could it be lost,
Way under this sea.

A. ABRAHAMS, 3rd Form.

THE MOST SUCCESSFUL

At 10.41 a.m. May 30th, 1966, an Atlas Centaur
booster performed perfectly; flawlessly launch-
ing an ungainly (10ft. +) piece of electron-
ics — (that could receive and execute 197
types of radio commands; and transmit a
television picture to PL control) — on a test
and trial trip to the moon.

Not just a crash craft camera; but a computer
controlled soft-landing vehicle weighing
2194 lb (take off total) conveying one above
standard (600 line) Black and White T.V.
Camera via intricate flight control equipment
which was specially designed for the trip. NO-
ONE expected the fragile craft to journey
through the myriad meteor dangers, 240,000
miles of two co-ordinate navigation (Sol 1
and southern Canopus stars); and then make
a self-controlled landing in a horizontal
(transmitting), intact, sunlit position where it
had a fairly far ranging view of the luna
landscape.

The weird looking vehicle accomplished the com-
plicated landing involving:
Two separate radar systems controlling two dif-
ferent engines,
Dropping the main (first) retro,
Delicately throttling the landing rockets,
Cutting all power to free fall the last 12 feet
to protect the equipment from the landing
shock of the 4 mph landing speed — after a
6,000 m.p.h. top speed only minutes earlier.
On touch down the craft bounced 2½ INCHES,
shook on its suspension five or six times, then
reported that all circuits, aeriels, batteries,
solar cells and mechanical parts were in pro-
per working order. The time was 2:17:36 A.M.

EDT, June 2nd, 1966. Total Flight Time 39
hrs. 36 mins. 36 secs.

The landing, incredibly accurate, within 7 miles
of a pin mark on a map, is comparable to
hitting the eye of a flying duck with a .22
rifle from a moving and rotating platform
at 150 yards.

At this achievement everyone at JPL (Jet Pro-
pulsion Laboratories of Caltec) cheered and
congratulated Dr. William Pickering, the lab-
oratory director who was in charge of the
adventure. Before the noise had died down
scientists were conducting preliminary tests.
Then they aimed the camera's mirror at one
of the craft's pads, and the first pictures were
transmitted at one complete picture every
3-6 seconds.

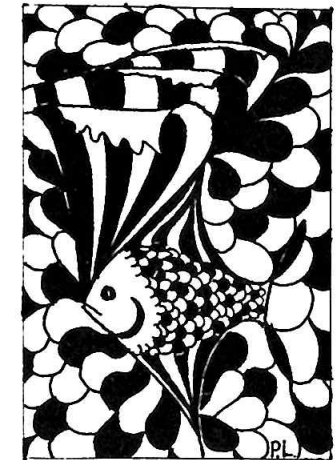
Shooting up through three independent colour
filters and off a fully mobile mirror in the
zoom lensed and exposure time controlled T.V.
camera, 10,338 breathtakingly clear pictures
were received in twelve days before the bat-
teries, to keep in working order, would have
to heat themselves while all else was shut down
during the lunar night.

At the end of the 14 day night (containing 12
days of -293°F heat) the craft was recharged
with solar power, and in the 14 days a
further 812 pictures were taken, then, with
everyone more than satisfied, it was retired.
86 days later, in October, the craft amazed all by
responding to signals. Further shocks were
in store for it again answered in November
1966 and January 1967; giving this fantastic
tribute to man's know-how a life span con-
siderably longer than any other space research
mechanism ever launched.

The pictures which this craft took were construc-
ted into mosaics to show the way for the
Apollo 12 landing. The Surveyor Craft was
partially recovered by the Apollo crew, who
cut the camera and some lengths of wiring
from the craft for scientific, comparative
lengths on the effects of exposure to nothing-
ness for 3½ years.

SURVEYOR 1 did its job well — so well its
heart was brought back.

BRUCE GENNETTE, 5th Form.



"SEA"



THE SOUNDS OF THE MORN

The sun bursts through to start the day
and sends its rays o'er the glistening bay.
The plaintive cry of the curlew we no longer hear,
and the tinkling of the bellbird is now clear
as it comes rolling through the bush
to start the calls that break the hush.
A screech is heard; the rabbits know
that they must end their fun and go
to the safety of their hole in the ground
far from the hawk and its terrible sound.
Soon we hear from far and near,
the air erupts so good to hear
the sounds of the birds as they start to sing,
the wren, the finch, and the robin
begin to move, so ends the night,
the owl is free of its long hard flight
of hunting mice and small night things
too scared to move 'gainst the silent wings.
So ends the night in its silent way,
and breaks the golden yoke of day.

PETER GRAHAM, 5th Form.

MARS, THE GOD OF WAR

The feet they stamp the beat of death,
Upon the battleground,
The young they wield their heavy swords,
or end up as a shroud.

The cries are "death",
The blood it flows, like mighty flows
had flowed in the homeland,
But now today the youths must die,
by any brave man's hand.

And yet the men, no bitter fear,
Do dare to show this day,
For the War God sits,
In his palace of blood,
Watching over the bitter prey.

But who, yes who, will hope today,
To win the victor's crown of gold,
This thought it haunts every heart,
But who could be so bold.

The enemies meet,
The stamping feet they cease
to haunt the air,
A mighty clash,
The swords they flash,
Another hero falls.

DAVID BRUCE, 2nd Form.

A SPIDER ON A MAN'S ARM

How can I, one small creature,
Master this mountain of quivering flesh
Though to him 'tis just a feature
'Tis like to me a daring mesh.

He moves so fast, his shoulders wide
This slothlike mountain becomes aflame
Moves skin and I from side to side
Till my last breath it begins to claim.

All's calm again, my goal in sight
A pride at last I found
After such a long adventurous plight
Superiority to the ground.

TERRY O'CONNOR, 3rd Form.

CIRCA FINE

My age is snowing apples on my bed,
And the tombstone falls and cracks
And names are forgotten
And faces
. . . . stare and look away!

There's many faces, coming, going, staring
And do they see a man?
Does the cracked inscription tell a story?
The love and wasted years, the loneliness,
A many blank-faced loneliness
That I suffer now.

I was young.
I'd come and go.
I'd stare at relics hanging together in rocking
chairs,
And I'd say no, not me!
And run my fingers through my long unruly hair
And turn away,
And walk briskly on the stony pavement crumb-
ling under me.

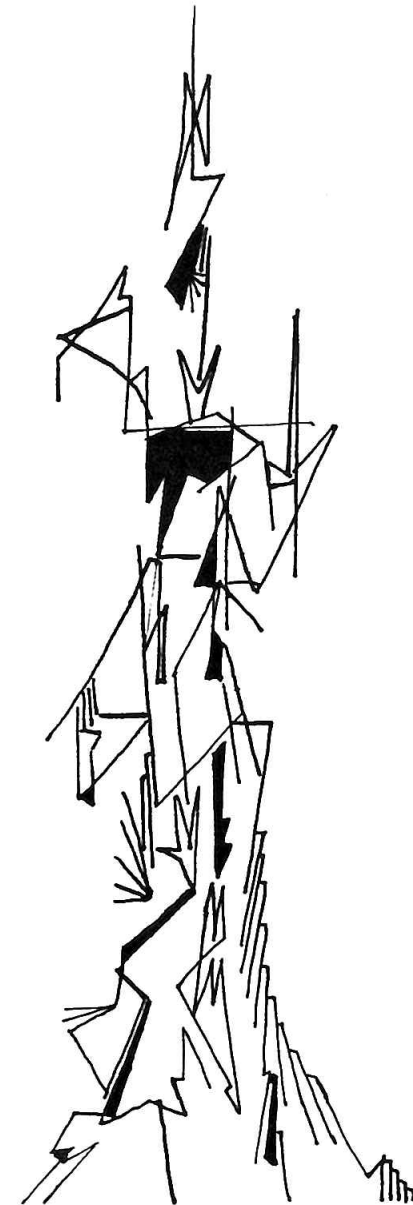
JOHN BRYAN, Sixth Form.

ODE TO THE SEA

O majestic carnival of billowing mirth,
Vast ruler of all the earth.
Your thundering waves in unbridled haste
Shimmering and blue green encased,
Your lashing torrent acrobats and falls,
Its rhythmic ceaseless monotonous calls
Are heard among the cliff-top walls
And repeat back in dexterity
Your foaming swirling current spins
Like a number of distant violins
And ebbs in peaceful loneliness.
O quaker and guardian of windswept shores
I can hear your distant current roars
So open up your ripling doors
And encase me for ever more.

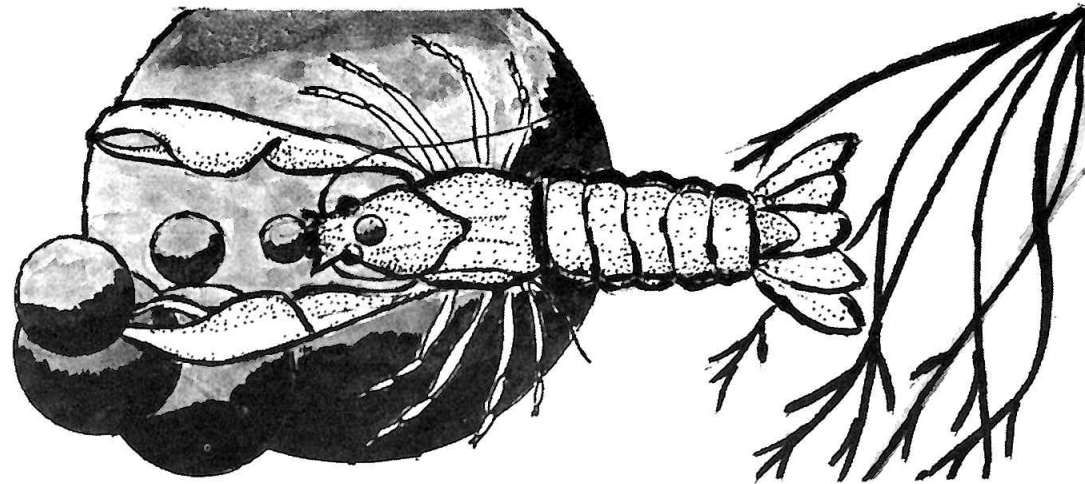
MARK JENSEN, 2nd Form.

Growth



Michael Coats

THIS PAGE DONATED BY J. J. TRUSCOTT, ESQ.



MERCURY AND OUR ENVIRONMENT

A Report of Original Research Carried Out By: Ian Lean, Stephen Pryde, Ross Kerridge, James Mackie and David Mulligan, pupils of Class 4A Science at the Newcastle Boys' High School.

The Problem

Following a recent newspaper article which reported a case of acute mercurial poisoning and suspected permanent brain damage in a woman in the United States, the group proposed that it might be worthwhile to investigate the distribution of mercury in another animal species.

The aim of our experiment then, was to determine whether mercury would be concentrated in the body of a crayfish, a common crustacea, often called a crawchie, found in freshwater pools locally. In particular, if possible, actual sites of concentration of mercury in the animal body were to be investigated.

In this report we will refer to the test animals as crawchies.

The Experiment

Three crawchies and a number of mosquito fish were collected near Adamstown for the experiment. The two smaller crawchies were used in the experiment and the largest specimen was kept as the control. Two crawchies were placed in a tank with a small quantity of free metallic mercury in an open petrie dish. The control was placed in identical conditions only lacking in mercury.

The crawchies were fed on mosquito fish which were freshly killed and dropped into the tanks.

On the ninth day of the experiment, after a bacteria build-up, the mercury broke up into a number of very fine particles. The mercury steadily disappeared and by the twentieth day, dead fish were observed in the tank.

The experiment was terminated on the twenty-fifth day and samples were sent for analysis.

The results obtained were:—

	Analyses in parts per million		
	CONTROL CRAWCHIE 1	TEST CRAWCHIE 2	TEST CRAWCHIE 3
Flesh	6	2	4
Gut	4	n.d.	6
Shell	5	8	n.d.
Head	4	50	250
Algae and Deposit	Present X		300
Fish	n.d.		7
Water	n.d.		0.4

n.d. not determined.

The mercury level of the water in both cases was very low. There may have been mercurous chloride precipitated in the system so that much of the mercury may still be on the walls of the glass tank, either in the algae or as a precipitate.

Discussion

It was apparent to the group that the animals had concentrated mercury in their body structures. The exact mode of transfer of the mercury from the metallic form in which it was introduced into the experimental tank to the form in which it occurs in the animals is not fully understood and a paper by Goldwater gave us the following guide.

Metallic mercury probably was transformed to, amongst other things, methyl mercury by bacterial or other action. This entered all living things in the system since the food chain was based on the algae which carried a high proportion of mercury (300ppm) in tank A. The fish in the experimental tank became sick in the latter part of the experiment and some died. This could have been due to mercury poisoning. No doubt, the crawchies built up their high doses by eating contaminated fish and probably algae.

The mercury concentrations in the brains of the two test animals compared with the quantities in other parts of their bodies is also of significance. In the newspaper article referred to earlier, an American woman is reported to have suffered from mercury poisoning "after becoming committed to a weight reduction programme which involved her eating ten ounces of swordfish a day plus some shrimp for eleven months. The article goes on to report ". . . In May, 1966, she began to have serious trouble speaking, walking and understanding, and suffered loss of memory and dizziness . . ." and later in the same article ". . . Only recently did hair samples reveal high mercury concentrations . . ."

Of uncertain significance is the relatively high level of mercury in the control. This averaged out at about 5 p.p.m. on the partly dried specimen. The United States Food and Drug Administration will not pass fish with levels of more than 0.5 p.p.m. mercury. Since these crustacea are sometimes caught and eaten they might prove to be hazardous to the health of those concerned. Analysis of higher accuracy would be needed to substantiate this point.

Goldwater has pointed out in his article that mercury in itself does not seem to be quite as harmful as methyl mercury. It is well that the reader should take note that the group has only reported total mercury figures and no attempt has been made to assay for methyl mercury nor even to establish its presence in either tank.

No doubt in the near future, a great deal of work will be done on this and other related fields of pollution in our environment. There seems to be no doubt, however, that there is some link between mercury, its concentration in cerebral regions, and brain damage of both temporary and permanent nature.

ACKNOWLEDGEMENTS

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We wish to express our thanks to the Staff of the Central Research Laboratories of the Broken Hill Proprietary Company Limited at Shortland, New South Wales, for their assistance with analyses which were far beyond the resources of the normal high school laboratory.

The assistance of Dr. J. B. Lean of C.R.L. and Mr. W. Burges of the Science Staff are gratefully acknowledged.

HENRY FORD AND ROO AND YOU

YESTERDAY

My dog died
Killed by a car
Just a mongrel
We called him ROO
'Cos he looked like one
When he first came home.

LAST NIGHT

I buried him
In the backyard
A big hole—
He would have been
A big dog
And that
Is Roo's story
And that
Of many like him.

TODAY

I realised
HENRY FORD
And others of his kind
Have done
More bad than good
What with
Death
Any injury
And laziness
And smog
And Roo.

The more
We "improve"
Our speed machines
The more
Death we'll get
Of those like
ROO
And of those like
YOU. . . .

BRYAN TOBIN, 4A.

Staff Photos

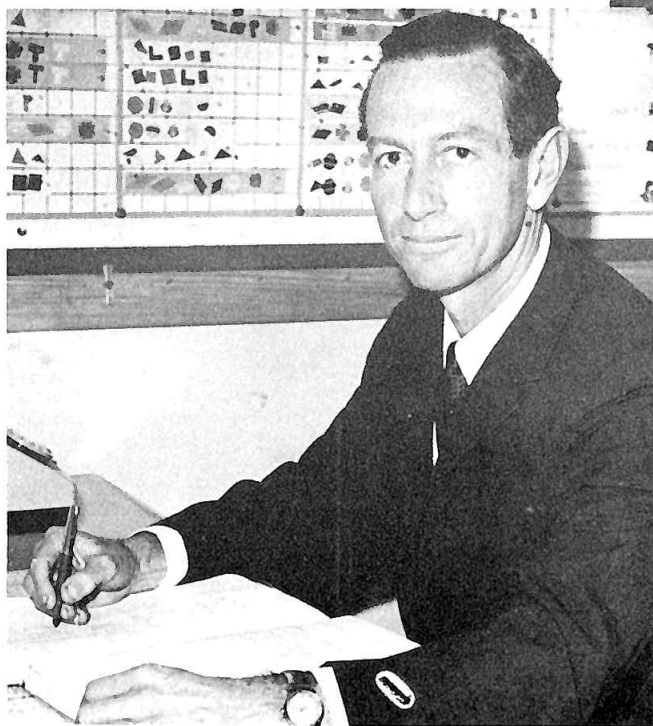
THE STAFF

A school is a mere brick shell without people and five per cent of the people at this school are teachers. This percentage is relatively an unimportant one, but this is the most noticeable minority group.

They are noticeable because they are adults amongst adolescents and as such they are the most important minority. But they are noticed not merely by this. They are conspicuous dressers among a sea of grey with red and blue tints. More important than their physical makeup is their mental makeup: their personality.

Where would the school be without the personalities of the staff, those incidents which are gossiped backwards and forwards for days. There would be no laughter to break the monotony of the class work, although I am never sure whether a class laughs with a teacher or at him.

Yes, indeed the school would be very different without the staff, but whether it would be better or not without them is a different matter.



BILL MAIDEN, Deputy Principal

LANGUAGES STAFF
STANDING (l. to r.): Mr. C. Goffet, Mr. J. Allen (Master), Mr. K. Ellenor. SEATED: Mrs. R. Woodward, Mrs. A. Holmes, Mrs. N. McLeod.

"The Romans would never have found time to conquer the world if they had been obliged first to learn Latin".
HEINRICH HEINE.

THIS PAGE DONATED BY TEMPLE BOOKSHOP



ENGLISH-HISTORY STAFF
STANDING (l. to r.): Mr. J. Gebhardt, Mr. V. Rooney, Mr. J. O'Donoghue, Mr. D. Holliday, Mr. S. Rigby, Mr. K. Donald, Mr. B. Deller. SEATED: Mr. J. Kerr, Mr. E. Gibson (English Master), Mr. T. Millard (History Master).

*"As for literature
It gives no man a sinecure
And no one knows at sight a masterpiece
And give up verse, my boy
There's nothing in it."*

EZRA POUND.

"A lawyer without history or literature is a mechanic, a mere working mason; if he possesses some knowledge of these, he may venture to call himself an architect."

GUY MANNERING.

MATHEMATICS STAFF
STANDING (l. to r.): Mr. A. Wells, Mr. T. Imrie, Mr. N. Winney, Mr. T. Lynch. SEATED: Mr. R. Best, Mr. I. Hughes, Mr. B. Donegan (Master), Mr. R. Ross.



"The science of pure mathematics in its modern development, may claim to be the most original creation of the human spirit."

ALFRED WHITEHEAD.

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SCIENCE STAFF
 Left to right: Mr. S. Mudford (Master), Mr. K. McClelland, Mr. H. Paterson, Mr. C. Pullin, Mr. G. Russell, Mr. S. McKnight, Mr. W. Burges, Mrs. M. Wass.

*"Examinations are formidable, even to the best prepared, for the greatest fool may ask more than the wisest man can answer".
 "Science is nothing but developed perception, interpreted intent, common sense rounded out and minutely articulated".*

GEORGE SANTAYANA.



**MUSIC AND
 LANGUAGE
 STAFF**

Mr. D. Delaney (Music)
 Mrs. D. Shield (Art)

"A man that has a taste for music, painting or architecture is like one that has another sense, when compared with such as have no relish of those arts."

JOSEPH ADDISON.

**INDUSTRIAL ARTS
 STAFF**
 STANDING (l. to r.): Mr. L. Davies, Mr. R. Davies.
 SEATED: Mr. R. Avery (Master), Mr. R. Pratt.



CANTEEN STAFF
 Left to Right: Mrs. L. Caratahanisiss, Mrs. J. Harris, Mr. B. Timmins, Mrs. Timmins.

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CLERICAL STAFF
 Left to Right: Mrs. B. Abbott, Mrs. D. Buckland,
 Mrs. C. Hawkin, Mrs. M. Donnoley.

COMMERCE STAFF
STANDING (l. to r.): Mr. N. Elvidge, Mr. R. Brydon, Mr. A. Clarke (Master), Mr. D. Carmen, Mr. W. Bruce.
SEATED: Mrs. G. Curry, Mrs. D. Collett.

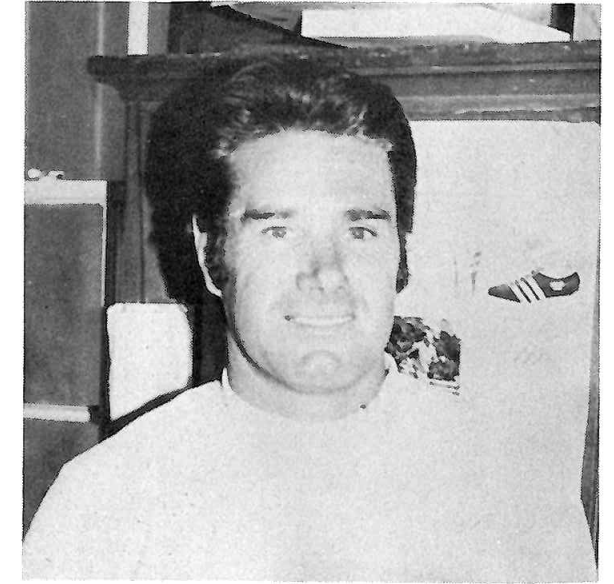


"Economy is the art of making the most of life. The love of economy is the root of all virtue".

G. B. SHAW.

THIS PAGE DONATED BY DR. R. G. LACEY

MR. M. RABBITT — SCHOOL COUNSELLOR



MR. K. GIDDY — P.E. STAFF

STAFF CHANGES — 1970-71

Departures:

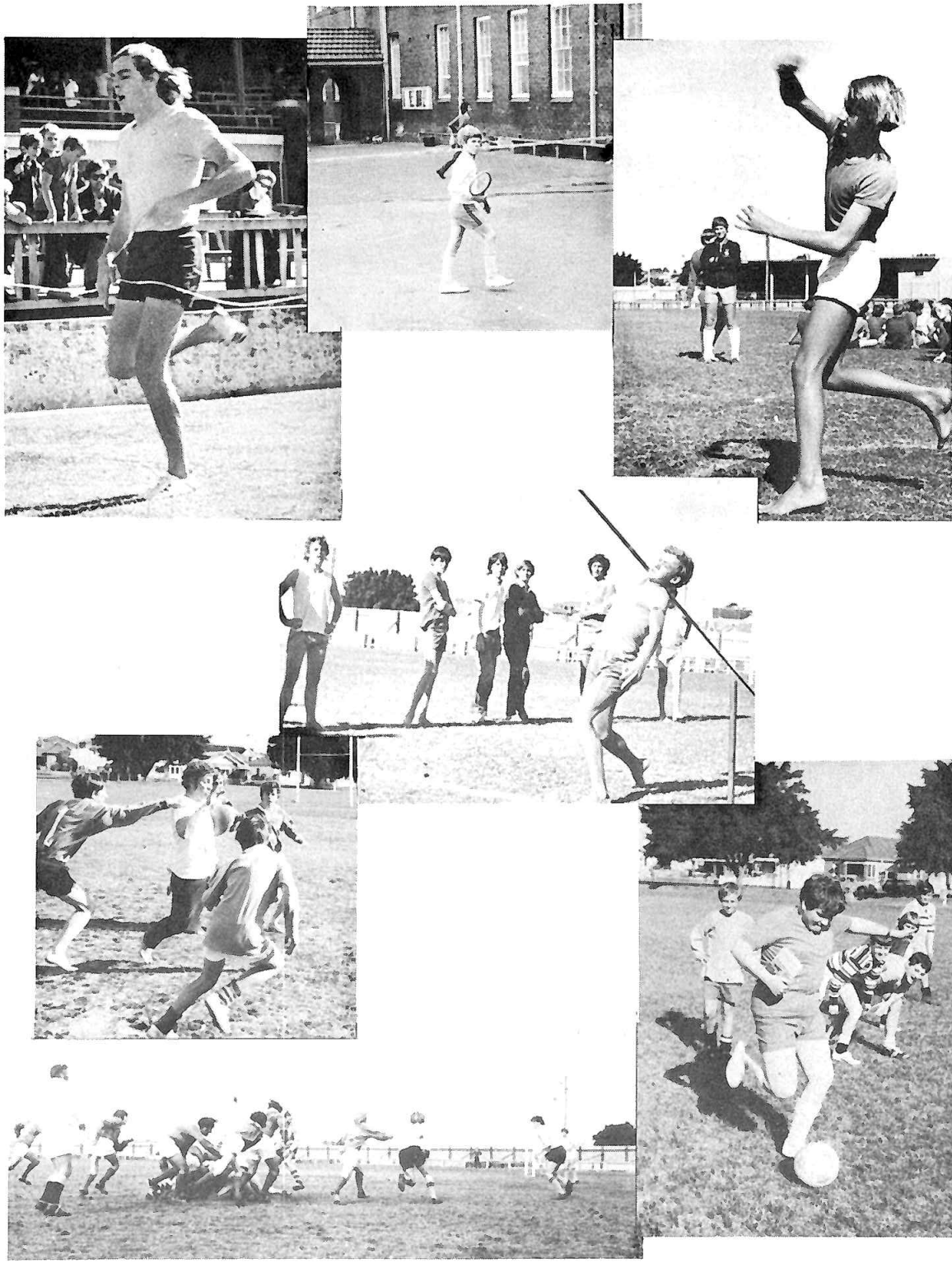
- Mr. R. Gardner to Swansea High.
- Mr. R. Davis to Gunnedah High.
- Mr. J. Robson to Newcastle Teachers' College.
- Mr. W. Menary, resigned.
- Mr. M. Westbrook, resigned.
- Mrs. V. Hindmarsh to Kurri Kurri High.
- Mrs. Thompson, resigned.
- Mr. J. Williams, resigned.
- Mr. J. Collins to Jesmond High.
- Mr. G. Dobinson to Newcastle University (on leave).
- Mr. G. McIntyre, resigned.
- Mr. W. Lockett to Newcastle Area Office as P.E. Advisor.

Arrivals:

- Mr. G. Gibson from Kempsey High.
- Mr. J. Gebhardt from Newcastle University.
- Mr. I. Hughes from Junior High.
- Mr. D. Delaney from Broadmeadow High.
- Mr. C. Pullin from Booragul High.
- Mr. G. Russell, New entry into teaching service.
- Mr. N. Elvidge from Toronto High.
- Mr. J. Williams from Findlay High.
- Mrs. D. Collett from Macksville High.



Members of the Cleaning Staff: Mrs. E. Jewlachow, Mrs. P. Bice.



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STATE REPRESENTATIVES

Jeff Shield: Jeff continues to play outstanding football. Last year he was awarded a School League Blue, an Area League Blue and a State League Blue. 1971 is Jeff's third year in the State Open League Team and he caps his school football career by being named Captain of the State Team. Jeff was Captain of the School Team and in all games was an inspiration to other team members.

We wish Jeff all the best in his future playing career and feel confident that we will continue to hear of his rise through the ranks of footballers.

Stephen Morral: Stephen has been chosen in the State Under 16 Basketball Team and has been described by Terry Charlton as an exciting prospect with excellent ball handling ability. He passes extremely well and has great dribbling ability. The State Team travels to Burnie in Tasmania and it is expected Stephen will be in the first five to line up for the Australian Championships.

John Buxton: Represented N.S.W. at the Australian Diving Championships, where he was fifth in the one metre event and seventh in the three metre Dive. John had previously been placed third in the State Open 3 Metre Dive.

John travelled to New Zealand with the Northern Districts' Swimming Association Team and was placed first in each of the three trials held in New Zealand.

Gordon Beath: Gordon sailed for N.S.W. in the Australian V.J. Titles sailed at Bayview. Gordon sails with his sister as crew in their boat "Swinger" and were placed 16th in a fleet of 44 boats. The N.S.W. Team were superior to the other crews in the championships.

Stuart Beath sailed his Sabot "Rebel" in the

Australian Junior Championships in Hobart. Stuart put up an excellent performance in gaining third place at the championships. We are hoping Stuart is able to sail well in next year's C.H.S. Championships.

Guy Littler: Chosen in the N.S.W. Under 16 Rugby Union Team. Guy represented Newcastle as a centre, but was chosen on the wing in the State Team. He is to play in Sydney on August 27th and September 5th, and we are expecting big things from Guy in Union circles.

Wayne Powell: Wayne was picked in the N.S.W. Country Under 18 Rugby Union Team. Wayne played as breakaway in a match against Sydney, which Country won 15-6. As well as being an excellent tackler Wayne has great ability as a goal kicker.

Robert Monteath: Robert was first chosen in the N.S.W. Country Under 18 Rugby Union Team and from there gained selection as second row in the State Team. The State Team defeated Queensland 14-3 under muddy conditions in a curtain-raiser to the British Lions match. The next match was against the Victorian 2nd XV and overwhelmed them 66-3, N.S.W. scoring 17 tries. Against the Victorian 1st XV N.S.W. won 33-6. We wish Robert continued success with the Rugby Union.

Derek Murray: Chosen in the N.S.W. Under 15 Baseball Team which competed at Brisbane in January in the Australian Titles. Victoria lined up for the Titles as favourites, but N.S.W. went through the championships undefeated. Derek played short stop in all games and his play was of such a high standard that at the end of the series he was chosen in the Australian Team. Derek has a great deal of ability in baseball and is also an excellent prospect at cricket.



SPORTING REPRESENTATIVES

J. Shield, G. Beath, W. Powell, R. Monteath, D. Murray, G. Littler, J. Buxton, S. Morrel.

N.S.W. C.H.S. SAILING CHAMPIONSHIPS

This regatta has, perhaps, become one of the biggest and most hotly contested events on the State, even Australian, sailing calendar.

The event consists of a series of five races; the invitation race and four heats. Host for the series, as has become usual, was the Belmont 16' Skiff Sailing Club; all races being sailed on Belmont Bay. This was the fifth annual championships and was staged from May 16th to 21st. Participants in the championships came from all areas of the State and a total of 275 entries were received, further demonstrating the growing popularity of sailing.

During the regatta, sailing conditions varied considerably and this ensured close racing. The first four races were sailed in light to medium breezes which favoured the smaller craft and lighter crews. However, on the day of the final heat, conditions underwent quite a reversal, with howling winds, driving rain and choppy seas.

This year, for the first time, Newcastle Boys' High School students were amongst the trophy winners. John Henderson recorded a win in the 16' skiff division, while Mark Long was runner-up in the Pelican division. This was quite a good effort when one considers that only three northern schools could produce divisional winners. Henderson's placings in the four heats were 1st, 3rd, 1st and 2nd, while Long was also placed very consistently.

Trevor Beardsmore, the Australian 16' skiff champion, was guest of honour at the presentation of trophies, and gave praise to the particularly high standard of competition.

Neil Milligan, who competed without success in this recent series, has purchased Henderson's successful skiff and is sure to bolster the school team for the next championships. This summer it is proposed to hold a Newcastle Boys' High School Sailing Competition, and it is hoped that this may even lead to the establishment of sailing as a regular sport.

The school team, as it competed was:

Boat: Hendo; Class: 16 foot skiff; Skipper: John Henderson.

Puffinus; Pelican; Mark Long.
Swinger; V.J.; Gordon Beath.
Bitza; V.J.; Greg Raymont.
Shamrock; V.J.; David O'Brien.
Contende; V.J.; Ian Kelso.
Ichabod; V.J.; Richard Hadley.
Tallabilla; Flying Ant; John Neale.
Red Ned; Northbridge Senior; Graeme Stark.
Quackle Cat; Go Kat; John Walker.
Fatte Cat; 16' Catamaran; Jon Henderson.
Caprice; 12' Catamaran; Mark Rigby.
—; Hobie Cat; Geoff Horton.
Rebel; Sabot; Stuart Beath.
Tubby; Manly Junior; Richard Southgate.
Georgina; Heron; Michael Makaroff.
—; Minor Dinghy; David Masters.

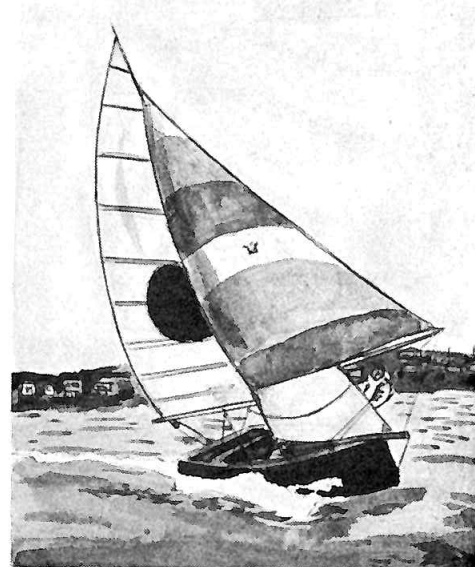
13 YEARS SOCCER

The team had an unlucky season as the ball would not go our way. We had a couple of good matches against Broadmeadow and Maitland Highs.

The tally of goals was 38 goals scored against us and 15 goals for us.

All in all, we had a most unlucky season.

G. PRITCHARD.



14 YEARS SOCCER

The season was not a very successful one for our team. At the beginning of the season we started quite well, with wins over Maitland, St. Pius and a draw with Broadmeadow. Since these early wins, however, the team has slumped badly.

One of our best games in the latter part of the season was our second-round match against St. Pius. This was a hard and fast game and even though we were defeated 2-1 we put up a good performance, being unlucky not to score on several occasions.

Our thanks must go to Mr. Gebhardt, our coach, for his devotion and time to our team this year.

D. HERNE.

15 YEARS SOCCER

The Under 15 Soccer has had a reasonably successful season. After losing only one match in the first round the team slipped to finish third to Marist Bros. and St. Pius at the conclusion of the competition.

The attack was headed by Gordon Beath, Greg Paterson, Wayne Achwich and Michael Turnbull, with Neil Ridgeway, Stephen Faulkner and Ian Haines giving him commendable support.

Our largest winning margin was against Maitland (11-1), while perhaps our best win was over the very strong Tech. side 2-1.

GREG PATERSON (Captain).

"A" GRADE OR OPEN SOCCER

The team, Captain S. Jones, Coach Mr. Ross, had a reasonably successful season. In the Tasman Cup we were knocked out in the second round, losing 2-1 to Warner's Bay after having two penalty goals scored against us.

In the Zone Schools' Competition we finished on top, only losing one game.

The team played well and we hope that future teams will be good enough to keep Boys' High in the picture.



FIRST GRADE SOCCER

Standing: Left to right: J. Griffiths, D. Cespi, D. Davelaar, J. Bint, D. Campbell, J. Hall, S. Henderson.
Sitting: C. Goonas, A. Thodas, S. Jones (Capt.), T. Edwards, G. Hull, M. Defina, J. Coleman.



FIRST GRADE CRICKET

Back Row: Left to right: P. Cox, G. Hull, P. Newman, S. Hall, N. Budden, M. Willis.
Front Row: I. Davis, D. Davelaar, M. Murray, N. Kellner (Capt.), T. Edwards, M. Dunn, J. Shield.

1st GRADE CRICKET

At the beginning of the year there was a lot of rain, especially on Wednesdays. Consequently we only managed to complete one game, this being against Maitland, at Maitland.

Due to rain on the first day of the scheduled two-day match only half-an-hour's play was possible. Because of this the match deteriorated as a spectacle and turned into a "hit and run" affair. We avenged last year's defeat and won by six runs. Michael Murray was our best bowler, well aided by Jeff Shield, and Tony Edwards scored the most runs on the day, being associated in a match winning partnership with Jeff Shield, who made a fine comeback to cricket after a couple of seasons' absence. Gary Hull was the best of the fieldsmen, taking two spectacular catches. Other "star" players were the two opening batsmen, Peter Cox and Derek Davelaar.

Michael Murray, Tony Edwards (as captain), Ian Davis and myself were chosen to play for Newcastle C.H.S. against Sydney Metropolitan and I thought that Peter Cox was unlucky not to make the team.

Much praise must go to Claude Sharpe for the good wicket he prepared under difficult conditions for the match against Sydney, and also to the team coach, manager and advisor, Mr. Holliday.

NIGEL KELLNER.

COMBINED HIGH SCHOOLS' CRICKET — REPRESENTATIVE TEAM

Four boys, Tony Edwards, Michael Murray, Ian Davis and Nigel Kellner, were all selected in the Newcastle C.H.S. Open Cricket Team, with Tony Edwards being selected as the captain of this team. All four boys performed admirably in a team which was playing together for the first time and thus lacked the experience of a well balanced and practiced Sydney team.

The game ended in a draw after two days of hard and damp cricket. Nigel Kellner and Michael Murray each bagged a wicket, Tony Edwards top scored for Newcastle, while Ian Davis batted well. The boys fielded soundly and were ably backed up by wicketkeeper Tony Edwards, who took three catches.

The team will play another two weeks of cricket at the end of the year with a view to the selection of an open N.S.W. C.H.S. team to play Queensland in Sydney.

K. CLIFFORD, Team Manager.

12 YEARS LEAGUE REPORT

The team was unlucky to meet the two best teams in the first two games. We then found form and were undefeated during the rest of the season. Considering the fact that we seldom trained we did amazingly well. We proved our skill when we defeated the competition leaders, who had not previously been defeated, in the second round. This was a close game, but the score of 14-13 reflected the fact that we were the better team on the day. We were unlucky not to win the competition, but settled for second place.

M. COLLIS.

13 YEARS LEAGUE REPORT

Although the team did not win the competition this year, I feel that they could have done much better than they did if they had practised more.

Although we only won two games during the season, we only once failed to score points during a match.

The most outstanding player in our back-line was Brian Elvidge, whose consistent tackling and hard running was a great asset. The best forward was Tony Morley, who never missed a tackle.

Other players worthy of mention are Russell Jenkins, Norm Farquharson and Peter Wilton.

S. ROUSLEY.

13 YEARS No. 2 RUGBY LEAGUE TEAM REPORT

Although the team did not do very well this season, there were certain players who played extremely good football this season. They were Chris Hicks, the five-eighth, who did a great job in getting the ball to our centres, who were our main attackers. Ian Ross, I think, should receive mention as the best forward and Simon Layden as the best back. Thanks to the efforts of Mr. Best we did win a couple of games throughout the season.

A. RUDD.

14 YEARS LEAGUE TEAM

We had a very unsuccessful year, losing all games. This was mainly due to the small number of good footballers in the team, and also because we could not improve our standards because very few wanted to train.

The best players over the period of games were S. Connors, P. Randal, J. McLelland and S. Bryant.

J. McLELLAND (Captain).

15 YEARS LEAGUE

The 15 years League team this year has had a fairly good season.

Although suffering some severe defeats, the team members were always ready to try hard in the next match — and I feel that this has been an important feature of our team this season.

Our most successful game was against St. Pius, the score being 24-16 in our favour. For the first time the players worked as a team.

D. Consalvo was the leading try-scorer, while Lee Carr performed well as goal kicker.

D. CONSALVO (Captain).

16 YEARS GRADE LEAGUE

We had a rather unsuccessful season, winning only one game. We won this game 8-6 with only nine players. Injuries were a problem throughout the season, but those who played did their best. The best performances were displayed against Tech. and Junior High, with a victory over Tech. and narrow defeat by Junior High. The outstanding players of the team were Guy Littler, Mel Moses, John Banks, ably supported by their team-mates. I hope we will have a more successful season next year.

JOHN MANNING (Captain).

THE 15 II's RUGBY LEAGUE TEAM

After starting the season very slowly with no wins to our credit, the team still had a tremendous spirit to go out onto the field and try even though being defeated every game until the last game of the third round. For this game we had formed a sound pack of forwards on which the team was depending. They were successful in winning the game for us by scoring three of our five tries. These five tries and three conversions gave us victory over a very good Marist team to defeat them 21-6.

Feeling very confident after this win we set out to beat Maitland, the only undefeated team in the competition, to prove to them that they can't win every time. We were successful after a very hard game, defeating them 7-2.

N. CROFT.

SECOND GRADE LEAGUE

The team has had a very successful season, winning the Second Grade Rugby League Premiership and suffering only one defeat at the hands of Maitland.

The team quickly settled into a sound pattern of team football and completed the season with a fine record of 171 points scored for and 31 against. Every player in the squad is worthy of mention, but players such as Ian Harper, Peter Cox, Bob Piper, Greg Marshall and Chris Dawson must be acknowledged for their particularly consistent efforts. Wayne Powell also acquitted himself well and must be commended for his outstanding display of goal kicking in the final match against Tech. High.

The most satisfying feature, however, has been the fact that the boys have realised that there is more to winning a game than just playing sixty minutes of football each week, and this has been reflected in their positive approach to the game and their excellent attendance at training throughout the season.

R. BRYDON, Coach.

FIRST GRADE LEAGUE

The 1971 season was not one of great success for the N.B.H.S. First XIII, as we were eliminated in our University Shield bid after the second round (by Taree) and were only able to take third place in the local Evans Shield Competition.

This year's team was a very young side, the bulk of the players being made up of fifth formers, and this lack of experience was the downfall in our game.

Our full-back was Mick "Chang" Murray, a talented player with ability to step off both feet who frequently regained the attacking initiative when the opposition had kicked through.

Wingers, Stephen Burgess and Robert Montcath, capably filled their positions — both scoring a number of sparkling tries throughout the season.

Centre, Gary Mason, proved to be a very solid player, both in attack and defence, and is sure to be a key player next season.

Five-eighth, Michael Dunn, although hampered by injuries, was able to start the backline moving with his passing and was a good defensive player.

A "find" of this season was our rugged half-back, Steve Allan. His passing from the scrum base, work around the rucks and his "crash" tackling proved very valuable in all our games.

Bill McLelland, a member of last year's N.S.W. nine stone team, came into the side as lock and proved an excellent cover defender, pulling off many "last ditch" tackles.

The second rowers, Athol Lewis and Neil Ferrier, were the tough men of the side. Athol's hard running and brilliant ball work, combined with "Fezza's" rugged tackling, proved indispensable in our games.

Front rowers Ian McKenry and Steve Rayfield played and combined well with our featherweight hooker Michael Willis and, for the last part of the season, Peter Cox.

Both these hookers were capable players and were able to provide us with a good deal of ball.

Many thanks must also go to the players and reserves who filled in during the season. Among these are Bob Piper, Greg Marshall, Phillip Brown, Ian Harper and Bruce Stanger.

Also, many thanks must go to our coach, Mr. Keith Giddy, for the valuable coaching he has given us, and the time he has put into the team.

JEFF SHIELD (Team Captain).

[Modesty has obviously prevented Jeff from telling us of his exploits as captain and centre. His selection in the State side, however, is a testimonial to his ability.—Ed.]

"The best recommendation a young man can have is to be modest".

CICERO.



FIRST GRADE RUGBY LEAGUE

Back Row: K. Giddy (Coach), M. Dunn, N. Ferrier, R. Monteath, S. Rayfield, I. McKendry, M. Willis.
Front Row: S. Allen, G. Mason, A. Lewis, J. Shields, M. Murray, W. McLelland, S. Burgess.



SECOND GRADE RUGBY LEAGUE

Back Row: S. Keirs, J. Butler, I. Kelso, P. Clapham, I. McDonald, T. Staines, P. Cox, R. Brydon (Coach).
Front Row: I. Harper, P. Grivas, G. Marshall, N. Ford, W. Powell, R. Piper, P. Brown, C. Dawson.

JUNIOR AUSTRALIAN RULES

The team started with only five experienced players. However, since then we have gained a fair amount of experience. With much encouragement from Mr. Pullin we have been able to come third in the competition this year.

We have met good rivals this year. In our first game N.B.H.S. scored our highest score, 26 points. Since then Tech. High, Broadmeadow High and St. Pius have tightened their defence greatly so that we have found it hard to score. Much pressure was applied to our backmen, and I must say that Alan Dodds and Paul Marjoribanks have done much good work in stopping the scoring by the other teams.

Our best players have been Roy Craney as Rover, Alan Dodds and Paul Marjoribanks as centre half-backs and in 2nd ruck, Fraser, McQueen and Peter Borham.

The players have functioned well as a team. All players have enjoyed the competition.

On behalf of our team I would like to give our thanks to Mr. Pullin.

ARTHUR KINGSLAND, Captain.

SENIOR AUSTRALIAN RULES

This season under the guidance of Mr. Paterson, the Rules team won the area final. The teams included Broadmeadow High, St. Pius, Newcastle Technical High and Newcastle Boys'.

Throughout the season the team produced an extremely high standard of football in all skills. Under the fine leadership of Chris Kingsland the team went through the season, only suffering one defeat at the hands of Tech. High. In the final, however, the tables were turned and we won 52 points to 21 points. A good turn-up was shown each week and there was a high amount of enthusiasm shown.

We offer congratulations to members who gained Newcastle and State selection. Members of the Newcastle side were: C. Kingsland, C. Craney, R. Craney, J. Preen, S. Bolton, B. Genette, T. Linehar. State representatives were J. Preen in the State C.H.S. and Under 17 sides.

The future looks brighter for the Senior Rules team and once again thanks are extended to Mr. Paterson for his organisation and assistance.

J. PREEN.

JOHN PREEN
Representative
player
Austarlian Rules



13 YEARS BASKETBALL

Members of the team include: Ian Beale, Bill Jacobie, Alan Logan, Alan Coulter, Ian Iredale, Greg Burns, John Hoyle and David Moore.

The result of the competition is not yet known, but team members have enjoyed the season's games.

Our best game was against St. Pius. This resulted in a 25 to 24 win for our team.

There has been very good competition throughout the season. Our whole team worked very well, and I would like to thank all players.

Although we haven't won the competition, we had a great time, and, as Mr. Giddy says, it doesn't matter whether you win or not — it's how you play the game that's important.

D. MOORE (Captain).

14 YEARS BASKETBALL (WINTER)

This season our team finished third in the competition. Much of our success has been due to the fine play and teamwork of Gary Orman, Stephen Sutherland and Ian Stirrat.

Although playing minor roles, Malcolm Druce, Paul Kulesshou, and Phillip Mathews never stopped trying and helped greatly in many of our wins.

IAN TAGGART (Captain).

15 YEARS BASKETBALL

This season the team has been very successful, only conceding three losses in both summer and winter competitions.

During the summer competition we were runners-up to St. Pius, having been beaten 22-10 and 19-13 in our two games.

In the winter competition we shared the major premiership again with St. Pius.

Players who have improved considerably this season are Brian Iredale, Stephen Wiseman, Guy McKendry and, particularly, Colin Pugh.

G. LOGAN (Captain).

OPEN BASKETBALL — GRADE 2

The team consisted of N. Watson, G. Lacey, J. Buxton, G. Littler, P. Shearman, P. Beale and P. Whetham. The team finished third in the competition, which was very good considering that the N.B.H.S. No. 1 team won the competition and Tech. High was second. By the end of the competition the team was combining very well, with the most improved player being Paul Shearman, who scored consistently in all games. We defeated all teams except Tech. High and the N.B.H.S. No. 1 team. Many thanks must go to Mr. Imrie for his coaching.

P. BEALE.

BASKETBALL REPORT SHELL CUP

Members of team: Terry Antcliffe (Captain), Paul Beale, Graham Lacey, Stephen Lambourne, Stan Wawrzyniak, Geoff Mayo, Steven Morrall, Paul Shearman, Stephen Wallace, Neil Watson, Stan Wawrzyniak, Phillip Wetham.

The team had a bye in the first round. They defeated Kotara High 84-40 in the second round. Stan Wawrzyniak scored 20 points. Good, consistent games were played by Antcliffe, Beale, Lewis, Morrall and Mayo. In their match together, the team settled down well and had many periods of complete domination.

In the third round, they were beaten by Swansea High 49-43, due mainly to brilliant shooting by Swansea in an eight-minute period in which a 30-19 Boys' High lead was converted into a 41-33 deficit. Boys' High had controlled the game for the first 27 minutes before the slump. With 30 seconds to go, the gap was bridged to two points, but another basket and two successful free shots saw Swansea win by six points. Swansea were eliminated two rounds later in the quarter finals by Narwee.

The Shell Cup team also played in Newcastle Area Craig Trophy matches. They were defeated by Wallsend 49-45, and defeated Singleton 65-32, Gateshead 104-17 and Kotara 42-29. A play-off for third place against Swansea was not played. In another preliminary match, the team avenged an earlier defeat by defeating Wallsend 60-49.

On paper, the team was quite strong, with many representative players included. Failure of

key members to train consistently upset plans for greater success. Captain Terry Antcliffe was untiring in his example and it was unfortunate for him in his sixth year that a few of the team did not follow his approach to training.

GRADE BASKETBALL

Teams have won summer competitions in Opens and 16 years and winter competitions in Opens and 15 years. In addition, other teams in 14 years and 13 years have won more games than they have lost. In third term, the 13 years team has good prospects of further improvement.

In addition to the undefeated Open No. 1, the school has fielded a strong No. 2 team. From these two teams, the Shell Cup team was drawn.

Several boys have represented Newcastle. In Under 18's, Terry Antcliffe, Geoff Mayo and Paul Beale played for Newcastle, Terry also being selected in the C.H.S. team. In Under 16's, Steven Morrall and Stephen Lambourne represented, with Steven being selected in the State team which played in Tasmania. Gary Logan (Under 15) and Gary Orman (Under 14) are also representing Newcastle.

FRIDAY NIGHT JUNIOR BASKETBALL

The school entered teams in Under 13, Under 15, Under 16 and Under 17 competitions. The Under 16 won the Autumn competition and were runners-up in Winter. The Under 13 and Under 17 teams made the semi-finals in both Autumn and Winter and won through to the final and grand final in the Autumn.



FIRST GRADE BASKETBALL

Seated: S. Lambourne, G. Mayo, S. Wawrzyniak, T. Antcliffe, P. Beale, G. Lacey.
Standing: Mr. J. Imrie, P. Wetham, P. Shearman, S. Morrall, N. Watson, J. Lewis, S. Wallace.

ATHLETICS REPORT — 1971

Our School Carnival was held at Waratah Oval in April. A large proportion of students at the school participated.

This year the Arthur Shield was won by Hunter House, with Smith second and Hannell third.

New records were established in 18 events.

M. Collis broke records in the High Jump, Long Jump and 400 metres. Other record-breakers in the 12 years' division were R. Guy, who broke the record for the Triple Jump and the 800 metres, D. Pittard who performed well in the 1500 metres, G. Frazer with the Discus and S. Shepherd with the Javelin. Also in this division, the Hunter Relay Team set a new record.

Record-breakers in the 13 years age division included B. Ure (400 metres) and A. Smith (Discus).

Good performances were recorded in the 14 years' division by A. McNeil, who won the 400 metres, and G. Bunn with the Javelin.

D. Consalvo established a new record in the 15 years' age division for 400 metres.

The Hannell House Relay team established a new record in the 16 and 17 years' age division. Other good performances by seniors included those by Stan Wawrzyniak with the Shot Put and M. Moses with the Discus, in the 17 years' 100 metres, 200 metres and 400 metres; S. Wawrzyniak in the Discus; P. Newman in the High Jump; and the Senior Relay team, comprising J. Shield, P. Howard, R. Monteath and S. Burgess.

Probably the most outstanding single achievement in the Carnival was the effort of Bryan Morgan, who lowered the existing record for the 3000 metres by 21 seconds.

At the Zone Carnival, where we competed for the Lintott Cup, we came (as usual) second to the always strong Maitland team. However, many boys put in strong performances, and we were far from disgraced.

All the following boys did well in the Zone Carnival: R. Monteath, S. Wawrzyniak, N. Ford, T. Corbett, S. Burgess, J. Bint, P. Grivas, M. Moses, B. Morgan, G. Bunn, B. Ure, G. Fraser, M. Collis and P. Pittard.

The Area Carnival was held on the 6th and 7th July. The Maitland team was expected to add a sixth win to their succession of five victories. By the end of the two-day Carnival, however, the point scores were very close. A win to Maitland by one point appeared likely, but the records are being checked and we have a strong chance of taking out our first win in a decade.

In the Area Carnival, Newcastle Boys' High won the point score in the 17 years, 16 years, 15 years and 12 years' division and was second in the 13 years' division.

Some notable successes were achieved by G. Bunn and M. Iredale in the 800 metres and 1500 metres; M. Collis in the 12 years' 100 metres, 200 metres and Long Jump; R. Monteath and S. Burgess.

The members of the team wish to express their thanks to Mr. Goffet, Mr. Best, Mr. Giddy and "Claude" for their assistance and encouragement throughout the year.

SWIMMING REPORT

The Annual Swimming Carnival held at Lambton Pool was won for the second year in succession by Smith House (826 points) from Hannell 770, followed by Hunter (732) and Shortland (570).

The individual champions were:—12 years, J. Stanger, Smith; 13 years, R. Taggart, Smith; 14 years, S. Ticehurst, Smith; 15 years, R. Maehl, Hannell; 16 years, K. Blanch, Hunter; 17 years, B. Taggart, Smith.

The eight records broken at the Carnival went to:—

M. Mitchell (13 years) in the 50 metres Breaststroke, Butterfly and the 400 metres Freestyle.

R. Taggart (13 years) in the 100 metres, 200 metres and 400 metres Freestyle.

G. Mitchell (17 years) in the 100 metres Butterfly.

Smith House (17 years) in the 4 x 50 metres Freestyle Relay.

BLUES, 1970

Soccer: Stephen Jones.
Basketball: Geoff Mayo.
Athletics: Stan Wawrzyniak.
Swimming: Bruce Taggart.
C.H.S. Blue for Soccer: Greg Valentine.
C.H.S. Blue for Rugby League: Jeff Shield.

NEWCASTLE AREA BLUES

Soccer: Greg Valentine.
Cricket: Greg Valentine.
Rugby League: Jeff Shield.
Basketball: Phillip Idstein.

HIGH SCHOOL COMPETITION

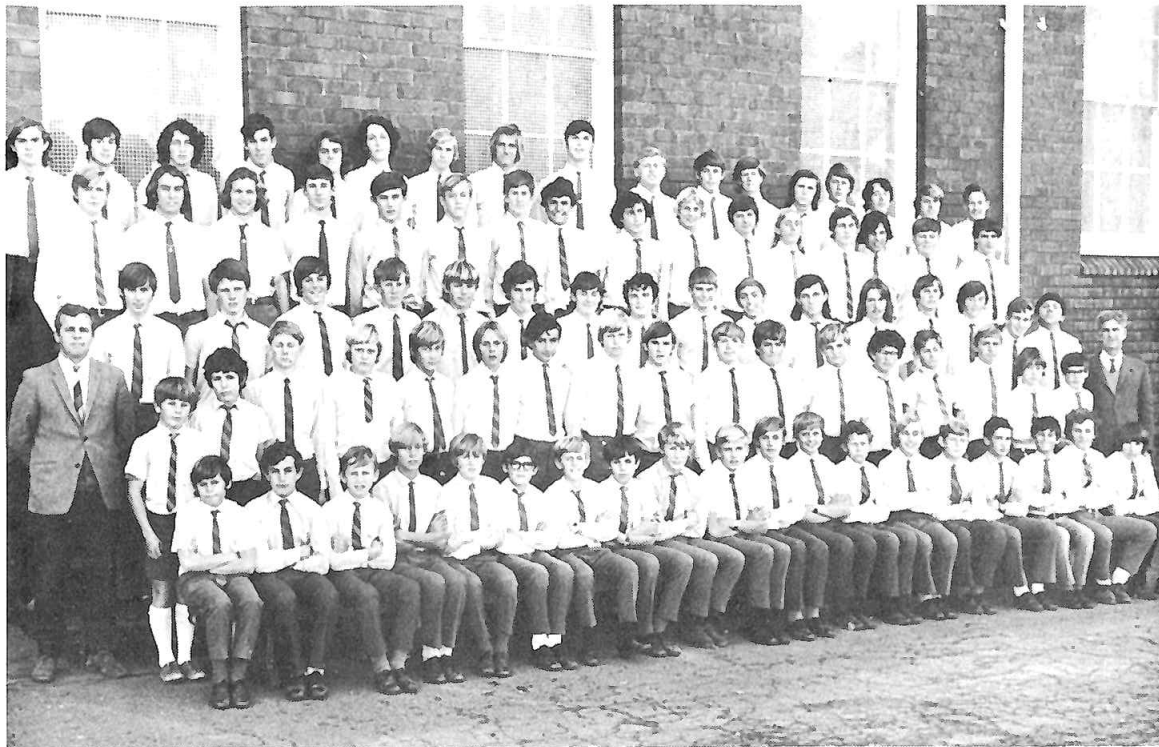
Rugby League:
Second Grade.
Basketball:
Summer Competition—
Open No. 1 Premiership Pennant.
15 Years Premiership Pennant.
Winter Competition—
Open No. 1 Premiership Pennant.
15 Years Premiership Pennant.
The "Ashton" Trophy for Rugby League (1970):
Tim Wardle.
The "Barnett" Trophy for Soccer (1970): Greg Valentine.
The "W. Lamb" Trophy for Senior Championship Mile: John Bint.
Annual Trophy for Senior High Jump: Peter Newman.
First Year Tennis Championship: Peter Bell.

SWIMMING CARNIVAL

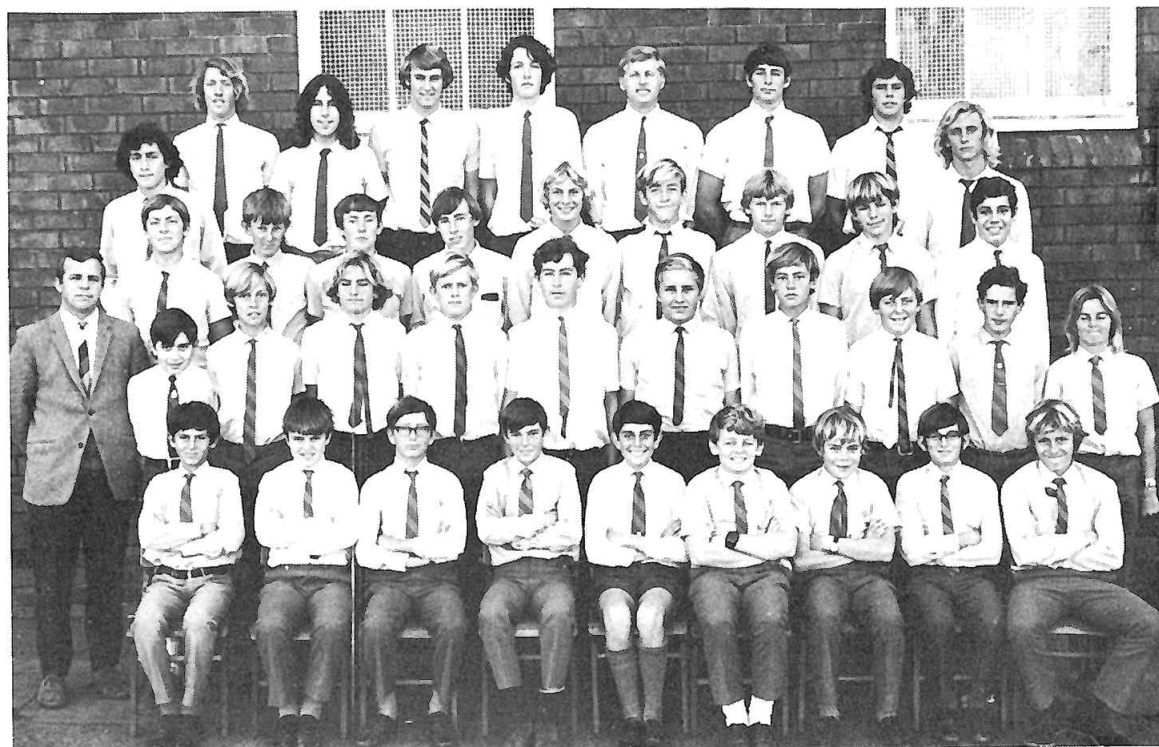
Champions 1971—
17 years and over: Bruce Taggart.
16 years: Kevin Blanch.
15 years: Richard Maehl.
14 years: Stephen Ticehurst.
13 years: Ross Taggart.
12 years: John Stanger.

ATHLETICS CARNIVAL

17 years and over: Stephen Burgess.
16 years: John Drury.
15 years: Dino Consalvo.
14 years: Stephen Ticehurst.
13 years: Bradley Ure.
12 years: Russell Guy.



ATHLETICS TEAM



SWIMMING TEAM



"NOVOCASTRIAN" COMMITTEE
STANDING: Left to right: V. Browning, S. Kiers. **SITTING:** J. Walker, S. Wright, R. Shaw, M. Symes, R. Richardson.



ROSS KERRIDGE, who took many of the photographs which appeared in this magazine.

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