

AN INNIE BOOK
MISCELLANY





AN INNIE BOOK MISCELLANY

Book List and Library Memories



THE LIVERPOOL INSTITUTE TEXT BOOK & LIBRARY LIST

Revision 11 [10-10-14] of Revision 10 [19-06-09]. Its 36 pages are A4, not US size; Margins 2.54cm T &B; 3.17cm L&R; Font is Mac 'Times'.

This is the Innie Booklist updated from Revision 10 of 21-06-09. Its main changes are added illustrations and reorganisation to put more thematic emphasis in. The prior version had some minor changes plus scans of the title pages of three texts contributed by Charles Savage. Version 7 was a considerable expansion but remained very weak in Lower School Science and Non-Science 6th Form recollections. There is a section on the School Libraries and General Reading at the end. It remains a work in progress – a grab bag of notes. Any booklists, addenda, library, bookish or even general reading experiences from your Innie years are welcome with anecdotes, comments, corrections, book titles and authors and even organisational details etc. Please e-mail them to me at:- aah1@iinet.net.au or on Liobians or Liobanter. Pre 1940 and post 1960 material will be particularly welcome.

UNDERTAKING BY PARENT (OR GUARDIAN).

I declare the foregoing particulars to be correct, and I hereby undertake to observe the conditions and regulations laid down by the Liverpool School Education Committee or Governing Body of the School to keep my son (daughter) at a Secondary School for at least four years, and covering his (her) sixteenth birthday,* viz. :-until.....

and in the event of the further renewal of the Scholarship for the full period of such renewal, and to ensure that he (she) shall conform to the rules and regulations of the School for the time being in force, including regulations as to home work, and I agree to withdraw him (her) from the school only at the end of a school term, and to give notice of withdrawal in writing to the Headmaster (Mistress), six clear weeks before the end of the term.

In default of the due performance of the above undertaking or any part thereof, without the consent of the Committee or Governing Body previously obtained, I agree to pay to the Committee or Governing Body a sum equal to the amount of the school fees remitted (if any), for the period during which the Scholarship has been held, including fee in lieu of notice if due notice has not been given, together with the cost of any further assistance which may be provided for him (her) by the Education Committee in respect of the period during which the Scholarship has been held, or such less amount as may be fixed, such amount to be recoverable as liquidated damages.

.....
†Signature of parent

AFFIX
GD.
STAMP
HERE.

.....
or guardian.

Date.....

Signature of Witness.....

Address of Witness.....

Occupation of Witness.....

Date.....

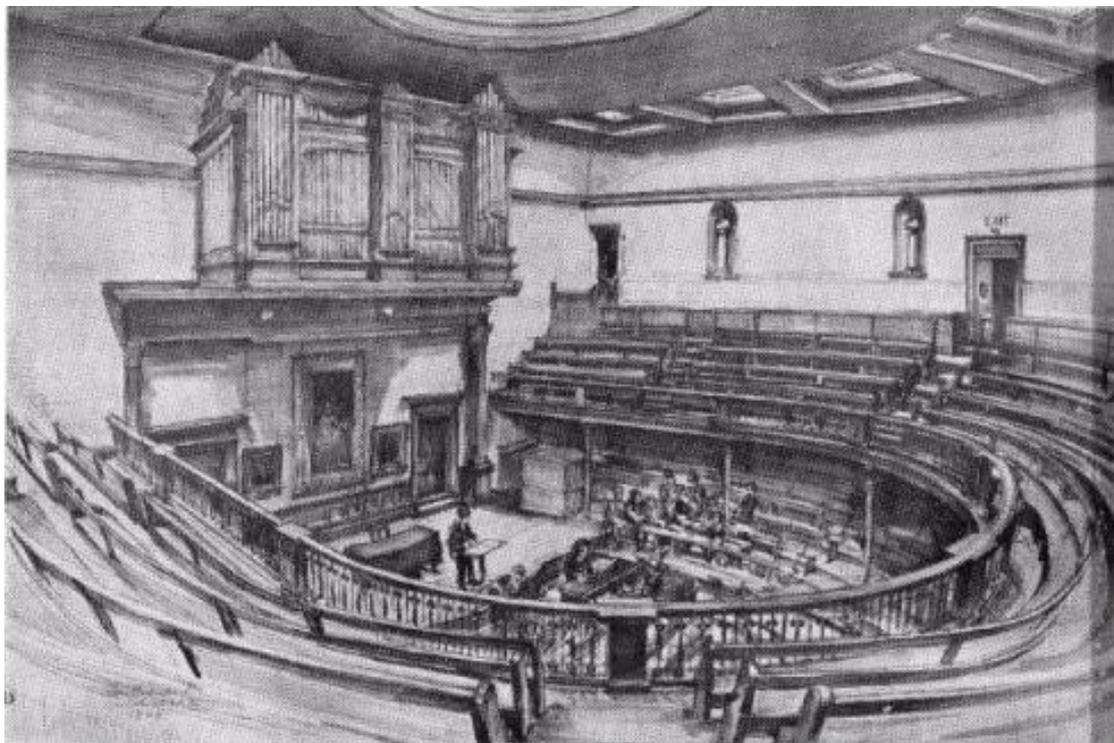
† The Signature of the Father or legal Guardian is required.

*NOTE.—Where a Pupil is admitted at the age of Twelve or over, he is required to remain at the Secondary School for a Course of Four Years. If he is below the age of Twelve, then he will be required to attend a Secondary School until the end of the School Term during which he attains the age of Sixteen.

**THE FIRST DAY FORM; A CONTRACT BETWEEN PARENT, GUARDIAN
AND THE SCHOOL [WITH NO PROVISION FOR THE PUPIL!]**



THE IMPOSING MAIN ENTRANCE, ONLY USED BY STAFF, PREFECTS & LATE COMERS.



THE DOORS SEEN IN THE ABOVE PHOTO OPEN ONTO THE LOWER PART OF THE HALL, FACING THE STAGE AS ABOVE. THE GALLERY IS FOR THE 3RD & 4th FORMS.

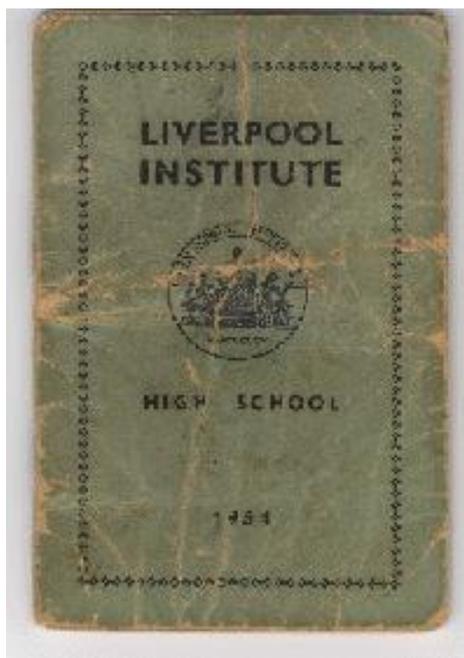


**THE HALL IN REALITY; A LITTLE LESS COSY THAN THE
DRAWING SUGGESTS.**

Given its origin as a Mechanics Institute, The *Liverpool Institute High School for Boys* inherited a respect for books because such institutions had been founded by public subscription to establish Circulating Libraries & Lecture Halls for the new class of Mechanics emerging in the 1820's who were to embrace both scientific and literary traditions. The Institute's literary connections emerged in this Hall, so familiar to us all, where Charles Dickens and Thomas Henry Huxley, amongst many others, once lectured.

To the right of the 'Elizabethan' Stage may be seen a great canopied door. It is interesting to note that our lives at the Innie began in the 3rd form on the upper seats of this hall, the right hand side, and symbolically ended with a visit to the room beyond the canopied door. Ken Ashcroft reminded me to mention "Slimy" Reece's book store-room and book dispensary which lay behind it. It was the place where a majority of books were returned on departure from the Institute and the handover was a significant ritual of entry into the "freedom" of the adult world. For many, Mr Reece would have been their last formal contact with the school's learning apparatus. Does anyone have recollection of any detail of the room, content or stories related to issuing and surrendering of books?

Austin Hughes 51.3



**THE ANNUAL GREEN BOOK FOR BLAZER TOP POCKET
LISTING ALL MASTERS, PUPILS, THEIR FORMS, SOCIETIES ETC.**

MISC TEACHER NAMES, TIMETABLES & CONTRIBUTIONS BY:

KA = Kenneth Ashcroft 51.3 – 58.2

[Forms 3A, Fungy Moy;4Sc, L5Sc, Fruity Bartlett; U5Sc, Pinhead Preece;6BSc Nicky Naylor; 6ASc Bilge Jones and 6ASc2 Bilge Jones.]

Lower School:

English: Ledger = 1 term then Turner, Preece, Webster, Preece

History: Peters, Bartlett, Green = 1 term then Deveraux. None in U5Sc

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Geog: Jake Edwards, Bartlett x2, Warwick
Latin: Moy, Willott x2, Rowell
French: Moy, Moore x3
Maths: Morgan x3, Brierley
Science: 3A Jones
Physics: Jones x 3
Chemistry: Naylor x 3
Art: 3A Reed
Woodwork: 3A McDonald
Scripture: L5Sc Haig = 1 term (can't even remember that.)
“As to being in Bughead's class, I know I did some lessons in the middle corridor above The Baz's office, but I can't remember a bloody thing about them, not even in which room. What must have happened is that, if they were Scripture, I already knew a little from all those years of Lifeboys, Boys' Brigade and Sunday School, so I probably tuned out completely, and watched the one-block-at-a-time growth of the Cathedral.” [KA]
Upper School: 6th Form
Chemistry: Naylor x3 plus MacPherson in ASc2
Physics: Jones x3 plus Day, Isaacs in ASc2
Maths: Plant, Reece, Morgan
English: Preece, Durband = 1 term then Jones, SMITH !!
German: Evans, Booth, followed by French, Moy.

RB=Roy Barter

SKB= Stan Kelly Bootle 41-47

RG= Rex Gibson 50.3-57 [3A Fungi Moy; 4Sc Archie Thorpe; L5Sc Archie Thorpe; U5Sc Archie Thorpe; 6BSc Nicky Naylor, 6ASc Bilge Jones, 6ASc2 BilgeJones]

PJG= Peter James Goodwin late 50s early 60s

PH= Peter Holmes.

AH = Austin Hughes 51.3-58.2 + any comments throughout with no initials.
[Forms: 3E Jo Scho; 4B Twisty Turner; L5B Cissy Smith; U5B Wetty Webster; 6BSc; Nicky Naylor, 6ASc Bilge Jones and 6ASc2 Bilge Jones.]

LOWER SCHOOL

LATIN: Percy Rowell, Killer Watson, Killer Watson, Killer Watson;
ENGLISH: 3E ?: Twisty Turner; Cissy Smith; Wetty Webster ;
GERMAN: Danny Booth, Danny Booth, Danny Booth, Nobby Forbes;
FRENCH: 3E none; Fungi Moy, Fungi Moy, Fungi Moy;
MATH: 3E Jo Scho; 4B Jo Scho; L5B No recall! ; U5B No recall!
HISTORY: Mr Green; Mr Green, Prolly Peters, Cliff Edge.
GEOGRAPHY: Fruity Bartlett, Fruity Bartlett, No Recall! No Recall!
GENERAL SCIENCE: 3E none: 4B & L5B Archie Thorpe, U5B Sugar Tait?
Art: Stan Reed 3E, 4B, did it stop then? Yes!
Woodwork: 3E Mr MacDonald but stopped after 3rd.
Music: Doc Wallace but only in the 3rd I think.
Gym: Chalky White 3E; 4B, ? L5B, ? U5B.

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Jan 1953 4B TIMETABLE 2nd TERM [Example]

MON: Scrip/Ger/Fren/Lat – Math/Hist/Gym – homework Lat/Math/Geo

TUE: Math/Geo/Sci/Eng – Fren/Lat/Art – homework Ger/Hist/Fren

WED: Math/Ger/Lat/Fren - Hist/Eng/Geog – homework Math/Eng/Geo

THUR: Ger/Fren/Art/Lat – Geo/Math/Eng– homework Sci/Ger/Eng

FRI: Eng/Hist/Math/Sci – Ger/Fren/Lat – homework Hist/Lat/Fren

UPPER SCHOOL

Chemistry 6th: 6BSc Nicky Naylor, 6ASc Nicky Naylor, 6Asc2 Nicky Naylor

Physics 6th: 6BSc Weedy Plant & Bilge Jones; 6ASc Isaacs ; Bilge Jones

Biology 6th : 6BSc Johnnie Wray, 6ASc Johnnie Wray, 6ASc2 Weepy Walker

6th English; Dusty Durband;

6th Philosophy & Logic[English in Report]: Mr Evans

WL=William Leece 63-69

GL= George Lucy 36-43.1

F'm	ENG	HIST	GEO	LAT	FRE	MATH	CHEM	PHYS	ART	WOOD
3E	GCL	BMRF	WHD	BMRF	AVK	WLH	HCP	WTR	AEB	WLH
4SC	GCL	HB	HB	GDR	WJH	AT	SVB	AT	AT	AT
5SC	HMBHB	HB	CSC	WJH	HJB	SVB	AT	AT	---	---
RSC	WGCWP	SJE	---	KES	JHJB	LAN	AT	LAN	---	---

“I must point out that GDR had started a new course of classical studies and because he died after a year the form reverted to Latin with CSC. You will notice that we dropped Latin when the school was evacuated to Bangor probably because we had a shortened school day. I returned to Liverpool in March 1940. There were a few, very few teachers as JRE was determined to keep the school together in Bangor, a difficult but probably correct decision. I returned for financial reasons. Most of those last months before School Cert were spent in private study. The fact that I matriculated must have been a mark of the quality of teaching I had had in the first three years. Later Note:

I omitted my 6th Form Mentors which is not surprising as private study figured mainly on the time table of those who had returned to the Innie for Sept 1940.

6BSC	ENG	PHYS	MATHS	CHEM
	CSC	WHD	HAB	SVB

[GL]

JL= Jim Lycett

WO = Wally Owen 60s as pupil

RQ = Richard Quirk 51.3 - 56.2 [Forms 3A, 4A, L5A, U5A, RA.]

Masters: For Latin; AF Moy, D Willott, D Willott, DW Rowell, JE Watson.

For Greek: 4A, L5A, U5A: D Willott, D Willott, D Willott

For Mathematics: L Morgan, F Brierley, F Brierley, F Brierley, FW Reece.

For English: GC Ledger, EJ Turner, A Durband, RT Jones, AV Preece.

CS= Charles Savage 57-64

JS = John Snelson 56.3-63 [..... ;1959 U5B Tud Jones;]

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IT= Iain Taylor 54.3-61 [3C Fanny Inkley;4B Danny Booth; LVB Dusty Dubrand
UVB Tud Jones; 6BM2, 6AM2 Sweeny.]

DW= Douglas Whittaker 51.3-58.2 [1951:3F, 4Sc, L5Sc, U5Sc, M6B, M6A, M6A2]

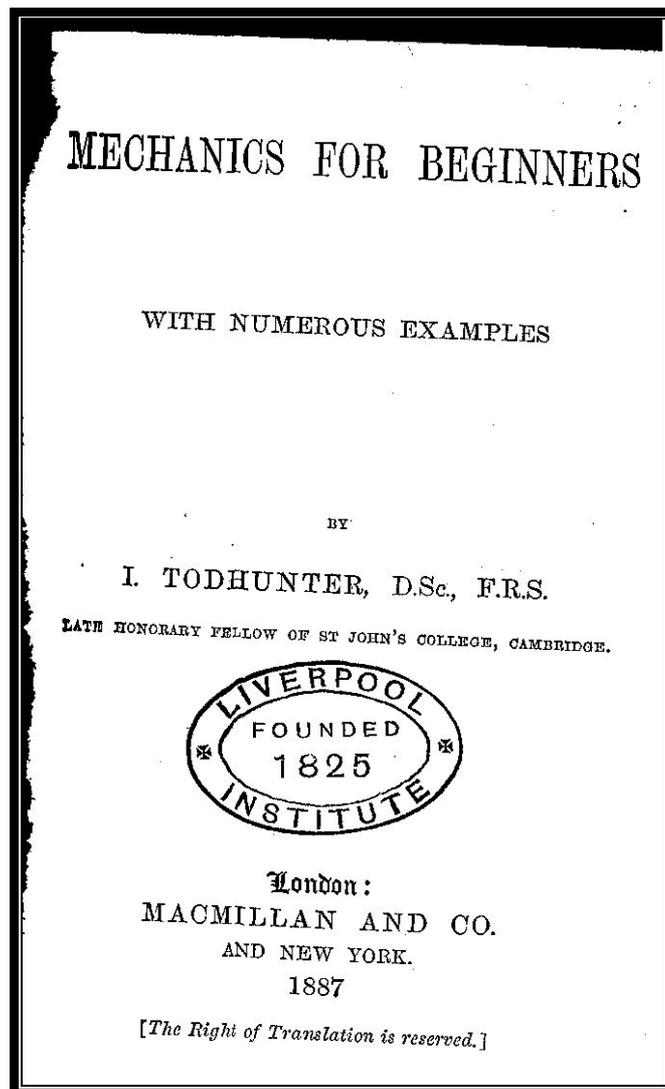
SC= Stan Cook '33-38? [3E (Taffy Ellis) 1933-34, 4R, 5Sc H Jones
1935 - 36, RSc.

BR=Brian Reynolds

JG= John Garr

WEG= William E Gard

PRE 1900 BOOKS [1887]



Ca 1897: Courtesy Charles Savage (57-64)

OUTLINES OF ENGLISH HISTORY, John Charles Curtis , 1896 Pub. Simkin, Marshall, Hamiltons, Kent & Co.; London.

A 48 page chronology of dates from 55BC to 1896: 1-2 lines per date. Orange – brown card covers. As used by Charles Bruce Elder LIHS Form V1. AH's maternal grandfather attended for a few years, with his brother Douglas Elder who went on to study medicine at Liverpool University, after moving from London ~1895-1897.
Austin Hughes

PRE-WORLD WAR II: EARLY 30s FEE PAYING PUPIL'S BOOKS

STAN COOK 1933-38

As a fee paying pupil I had to buy all my books so there was a brisk trade at the end of each year between age-groups. I've include my form number and date if it is of interest. [Stan and George both benefitted from keeping their books!]

LATIN

A LATIN GRAMMAR E.A. Sonnenschein Clarendon Press **4R** 1934 - 35
VIRGIL AENID V Rev A. Calvert MacMillan & Co **5Sc**

FRENCH

EMILE ET LES DETECTIVES PAR ERICH KASTNER G Bell & Sons Ltd **5SC H**
Jones 1935 - 36

ENGLISH

THE PATH OF THE KING by John Buchan Thomas Nelson form **4R** 1934 - 35
TYPHOON by Joseph Conrad William Heinemann from **4R** 1934 - 35
MOUNT HELLICON Edward Arnold **5Sc**
AN INLAND VOYAGE TRAVELS WITH A DONKEY by R.J. Stevenson Tusitala
Edition Vol XVII Wm Heinemann **5Sc**
SILAS MARNER by George Eliot J Dent **5Sc**
LONGER NARRATIVE POEMS G.G. Loane MacMillan **5Sc**
EOTHEN by A.W. Kinglake RSc J.D. Roberts 1936 - 37
A GOLDEN TREASURY OF LONGER POEMS Ernest Rhys J.M. Dent **RSc**

HISTORY

HISTORY OF BRITAIN & EUROPE Bk1 by R.A.F. Mears Edward Arnold form **3E**
(Taffy Ellis) 1933-34
MACAULEY'S HISTORY Chapter 3 S.A. Williams J.M. Dent from **4R**
A TEXTBOOK OF MODERN EUROPEAN HISORY 1789 - 1930 G.W. Southgate
J.M. Dent **RSc**

MATH

ELEMENTARY GEOMETRY C.V. Durrell G. Bell 5Sc
ARITHMETIC C.V. Durrell C. Bell

I've created a mystery in that I find form 4R inside my books and cannot think who that form tutor was. I was under the impression I was in 4E 1934 - 35 Mr Elliot's class.

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LOWER SCHOOL

MOSTLY POSTWAR BUT INCLUDES GEORGE LUCY PRE- & WWII

REFERENCE/GENERAL:

HYMN BOOK:

SONGS OF PRAISE [light blue plain shiny cloth bound hbk.] RG

SCRIPTURE:

THE SCHOOL CLARENDON BIBLE, Henry Barnforth. [RQ not in his years.]

THE GOSPEL ACCORDING TO ST LUKE [RSV].

I only recall a Hymn Book, no Bible or scripture books [AH, 1951-58)

DICTIONARY:

CHAMBERS ETYMOLOGICAL DICTIONARY [Red cloth with black figure on cover][RG]

CHAMBERS'S ETYMOLOGICAL DICTIONARY, ENLARGED EDITION, 694 pages, dark red cover.[3A – RA RQ]

TABLES:

KNOTT'S FOUR FIGURE MATHEMATICAL TABLES 1900, last new edition 1955, (4 Figures), Cargill G Knott, Red limp cloth.[JL/RQ]. 1963-69 [WL] I've also got somewhere - seen it in the last few days - a 1960s copy of Knott's tables with a buff cover. I suspect that the printing of such books collapsed in the mid/late 1970s, along with slide rules, with the rise of the pocket calculator. My old 12-inch slide rule has long vanished – the slide was catapulted across the room with the aid a few elastic bands once too often - but I still have a couple of 6-inchers, and even use one occasionally so that young colleagues can ask what the blazes the damn thing is![WL]

SUBJECTS

ANCIENT LANGUAGES/CLASSICS (50s 3A-F all took Latin and 1 Modern Language - no Greek in the 3rd. Latin dropped by 4DEF).

LATIN: 1951-56

KENNEDY'S REVISED LATIN PRIMER by Benjamin Hall Kennedy, Longans, Green & Co [green cloth].

APPROACH TO LATIN PART 1, J Patterson and EG M'Naghten, dark blue cover. 3A [RQ] [The dark blue-bound text, was it "FESTINA LENTE"? title in gold) The whole course to "O" level? No – see below.

APPROACH TO LATIN PART 2, J Patterson and EG M'Naghten, Reprint, 1947, dark blue cover. 4A & L5A, [RQ]

CAESAR IN BRITAIN AND BELGIUM, Leeman, Cambridge Elementary Classics, brown cover. 4A [RQ]

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LATIN PROSE COMPOSITION FOR THE MIDDLE FORMS OF SCHOOLS, MA North & AE Hilliard, 13th Edition, 23rd Impression, 1945, dark blue cover. L5A, U5A & RA, [RQ] This for classics form only? THE AENEID, Virgil. U5A [RQ]

RISE AND FALL OF THE ROMAN EMPIRE [abridged (Latin) 1956/57 [JS] VIRGIL THE AENEID BOOK IX (Latin) .1957/58 [JS] I think we also had Virgil 1955 U5B and THE GALLIC WAR Caesar 1954/5 U5B [AH]

GREEK (4A-U5A and Classics 6th only):

GREEK PRIMER OF GREEK GRAMMAR, Abbott and Mansfield, dark green cover. 4A, L5A & U5A, [RQ] GREEK EXERCISES, AE Hilliard & CG Botting, red cover. 4A, Elementary [RQ]

GREEK PROSE COMPOSITION FOR SCHOOLS, MA North & AE Hillard, 9th Edition, 17th Impression, red cover. L5A & U5A, [RQ] ANABASIS IX, Xenophon ED Stone, blue cover. U5A [RQ] MEDEA, Euripedes. U5A, [RQ]

MODERN LANGUAGES (1950s 3A&C French; 3B&E German; 3C&F Spanish. Extra Language for 4B (eg those doing German had French added etc). 4A added Greek to Latin and retained only 1 modern. 4DEF dropped Latin. Dropping Latin implicitly meant Oxford and Cambridge were off the future agenda at that time unless it was taken up again later.

FRENCH: 1937-41, 1956-63, 1960s-70.

1937-41

A MODERN FRENCH COURSE' by Marc Ceppi.

There was also a French verb book which had to be filled in to display irregularities. This latter was written by Sam Wormold who was on the staff. [GL]

1956-63

I. EN ROUTE [avec le TOTO!] RG II. EN MARCHÉ RG III. EN FAMILLE RG
LE PÈRE GORIOT - Balzac JS LE MALADE IMAGINIERE - Moliere [JS]
Racine[JS] Corneille [JS].

1963-69

By the mid-1960s the universal French textbooks were all by: W F H Whitmarsh. I read somewhere that he made a fortune from them, as print runs for school textbooks are huge by publishing standards. [WL]

1960s-70s

For French it was Whitmarsh in the 60s which changed in the 70s for various versions of Longmans Audio Visual. (The Marsaud family: Marie-France, Jean-Paul and Claudette. Not forgetting le professeur distrait: Monsieur Lafayette. A sort of French Harry Toothill.) [WO]

GERMAN: 1951-56

[Back in 1943 it was definitely DEUTSCHES LEBEN. Bill Gard]

DEUTSCHES LEBEN 1- 3 [Yellow with rust Gothic Script Title] 51-55 [AH]

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GERMAN GRAMMAR FOR REVISION AND REFERENCE (1948) [Orangy Ochre] I think this was the whole course to "O" Level. [AH] 1951-1955
GERMAN FOR SCIENCE text in dirty green cloth in 6BSc 1955 [AH].
WOOLWORTHS MINIATURE DICTIONARY for under the desk. Unofficial [AH]

"I only have one book left from Innie days, a very battered CASSELLS COMPACT German/English, English/German dictionary"[PH].

Whilst clearing out an elderly relative's house today I came across a German textbook that I seem to remember using at school in the early 1950s. The book is: HEUTE ABEND 1 by Magda Kelber, illustrated by Carl Felkel, pb Ginn and Company Ltd. 18 Bedford Row, London W.C.1. It is a hardback in a yellow cover with black text. Does anyone else remember this book? Or am I following the route of my elderly relative into the first stages of Alzheimer's? Brian Reynolds

Heute Abend was printed in Great Britain by R&R Clark Limited, Edinburgh.
Published in 1937, Revised Edition 1955, Revised and reset Edition 1960, 22nd Impression 1964

Typical chapter subjects include;
Das Radio
Wie Wir Wohnen
Ein Traum
Der Garten
Unser Wohnzimmer

AH: Sounds very like Deutsches Leben. The name Heute Abend IS familiar but it does not correspond to the Deutsches Leben I actually have to hand. I still wonder if we used Heute Abend as the 3rd form text and moved on to the 3 volumes of Deutsches Leben for 4th, L5th, U5th. .

There was also a book titled "EIN UNFALL" which I think was "An Accident" I have never found any use whatsoever in studying German. It seemed to be a complete waste of time. I enjoyed the subject with Mr. Bowker but totally bored by Mr. Forbes. You could also easily divert him from teaching by mentioning any transport system and then we could play desk cricket whilst he rambled on about trams. John Garr

SPANISH: 56-63, 60s-80s

LAZARILLO DE TORMES [JS]

PRINCIPIOS D'ESPAGNOL Only textbook I remember was from 1959. Yellow or orange cover. Lost mine and had to go to the Vice Principal to get another. ("Pablo y Rosita sont alumnos a una escuela. La escuela es pequena, pero es en un edificio muy hermosa" - comprehension exercise that won't go away).

There was also a reader with a green cover called: SEA CHANGE (which I've still got somewhere). Cam Renton and Rusty are two young deckhands on a tramp steamer who help bring an abandoned freighter to port, thus winning the respect of Andy, the old bosun. Highly suitable text for the Innie - women were not mentioned anywhere in the story. Can't remember who taught Spanish then. He was strict, but a very good teacher and made the lessons fun. [JS]

Well Snelly, Peter Holmes has checked your homework and says: "One language I did not study then was Spanish, but picked it up since, and do have to comment on [the] piece about Pablo and Rosita. It should actually read "Pablo y Rosita son (no t, that is French) alumnos en" or "de" (not "a" which implies motion) "una escuela". Because geographical locations use a different verb "la escuela esta " or "se

encuentra" "en un edificio" with an f, rather than "es". The edificio is definitely "muy hermoso" [PH].

PRINCIPIOS DE ESPANOL We used this when I was a pupil in the 60s then;
NOS PONEMOS EN CAMINO and
SEGUIMOS ADELANTE in the 70s and 80s. [WO]

LOS AMANTES DE TERUEL by Hertenbusch sp?? The author was a dramatist of the Romantic movement. Does anyone else remember it? The tragedy of the star-crossed lovers would move Miss Inkley to tears. [RB]

RUSSIAN (Not formally included in 50s): 41-7

LIOB YAZUEK RUSSKI done on the side circa 1943. Just one-on-one but can't recall the teacher name. He was a page or two ahead of me using THE PENGUIN RUSSIAN GUIDE? Often wonder re-vocab why our initial word-list included "frog" and "Christmas-tree" [SKB].



ENGLISH LANGUAGE & LITERATURE:

1936-1941 George Lucy, I keep his English books together as pre-war listing[AH]

READING BOOKS 36-41:

PRESTER JOHN by John Buchan as first? English reading book. (At the time I was captivated and went on to read all his books. Later I reread PRESTER JOHN and was horrified at the racial prejudice it displayed.) For **School Certificate** we studied GULLIVER'S TRAVELS.

POETRY 36-41:

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For **School Certificate** we studied: MILTON, the minor poems.

GRASS OF PARNASSUS, Arnold 1936 was our Poetry Book, an anthology made by J.C. Squire and I still have a copy which prompts my memory of long forgotten homeworks.

Roy Barter quoted a verse on the Liobians list that he could not identify and commented on its imagery. David Watt replied:

“Yes, I agree, Roy. I don't know where the Inny dug it up from [AH: Answered below] because it is not best known. It is called the Old Ships and was written by James Elroy Flecker (1884 - 1915), who was born in Lewisham, the son of a headmaster and latterly lived and was buried in Cheltenham. He studied oriental languages at Oxford and Cambridge and has also written some better known plays. The new University of Gloucestershire has begun to assemble a collection of the works of the "Gloucestershire Poets" and this seems to have provided a new lease of life.

However, I understand that Berthold Goldschmidt based a short piece (David Ellis - any clues?) on this poem in 1952 and called it by the same name. If it captures the mood, it should be worth hearing.

The poem has been compared to John Masefield's "Cargoes", but other than both are about ships, I can see no other similarity in terms of style, mood or anything else!”

Billy Morton said:

“Bill, this posting brought out of the depths of my A3D2'd memory a line from a poem that we learned for the Ratcliffe Elocution Prize, when I was in the 3rd or 4th form.... [AH: postwar] " to Farmagusta and the hidden sun, that rings black Cyprus with a lake of fire". I can't remember how the rest of it goes though!

I presumed that David Watt knew this from a previous victory in the Radcliffe. I'm afraid that I had to google it and came up with [it]. As you say, Roy, it's quite evocative and, given the present situation on that side of the Mediterranean, possibly appropriate!

After mention of the postwar recitations George [George Lucy 36-41 Maghull] wrote 22-07-06: Dave W. you wonder how ‘Old Ships’ came into the Inny. In 1936 we had a poetry anthology ‘GRASS OF PARNASSUS’. It contained two poems by Flecker, ‘Old Ships’ and ‘War Song of the Saracens.’

I remember having to learn ‘Old Ships’ for homework when I was in Jimmy Ledger’s class . We were also supposed to learn ‘Silver’. These bits of verse I often tease out when walking solo in the hills. As they came from the anthology noted above I can check the accuracy of my recall with the copy I have now.

The ‘War Song’ like The Golden Road to Samarkand.’ comes from Flecker’s play ‘Hassan’ . Hassan was a play about a sweetmaker in Baghdad, Hassan , and his forbidden love of Yasmin The attendant cast consisted of Haroun ar Raschid, complete with court and executioner It made quite an impression with its flowery language and sentimentality of then to the thirteen year old boy that I was in 1939 .An entry in my diary 14th February reads:

“We had Chemistry last two periods in the morning and we had to find the density of bench H2SO4. I got a good result. ‘In the dinner hour I gave in ‘Hassan’ (to the school library) - a play that I had enjoyed on the wireless. Other books returned were ‘A Tramp Abroad’ and ‘Old Saint Pauls

Billy Morton replied : “George, fantastic! I can still see both books in my mind's eye - "Paths to Parnassas" and "Grass of Parnassas". They had a design on the cover that was a little like a warmed up lava lamp (green on yellow background (on one?).

I can remember reciting this in front of Ledger, Cissie and, I think Webster. We also had to recite "Silver", which my daughter sings to a lovely setting by Armstrong Gibbs. I remember that Lucy was very surprised that I knew the words of her Art song last year!”

The use of the poem is a tiny window on possible decadal continuity of at the Institute; from 30s to early 50s. I have no recollection of the books or the poem from the later 51-55 period when I

might have seen it [AH]. I have commented previously that I have no recall of the poetry books we used nor have I been provided with recollections of these works from the post 1950 group.

Iain Taylor posted the full work saying "Ironically the poet, an Oxford orientalist in the Edwardian era, was vice-consul in Beirut. Such a phrase "beyond Aeæa" ! - the only known double diphthong?"

James Elroy Flecker (born 1884, London - 1915 in Switzerland) English Poet and Linguist. Died of TB aged 31!

THE OLD SHIPS

I have seen old ships like swans asleep
Beyond the village which men call Tyre,
With leaden age o'ercargoed, dipping deep
For Famagusta and the hidden sun
That rings black Cyprus with a lake of fire;
And all those ships were certainly so old
Who knows how oft with squat and noisy gun,
Questing brown slaves or Syrian oranges,
The pirate Genoese
Hell-raked them till they rolled
Blood, water, fruit and corpses up the hold.
But now through friendly seas they softly run,
Painted the mid-sea blue or shore-sea green,
Still patterned with the vine and grapes in gold.

But I have seen,
Pointing her shapely shadows from the dawn
And image tumbled on a rose-swept bay,
A drowsy ship of some yet older day;
And, wonder's breath indrawn,
Thought I - who knows - who knows - but in that same
(Fished up beyond Ææa, patched up new
- Stern painted brighter blue -)
That talkative, bald-headed seaman came
(Twelve patient comrades sweating at the oar)
>From Troy's doom-crimson shore,
And with great lies about his wooden horse
Set the crew laughing, and forgot his course.

It was so old a ship - who knows, who knows?
- And yet so beautiful, I watched in vain
To see the mast burst open with a rose,
And the whole deck put on its leaves again.

-- James Elroy Flecker

ESSAYS 1936-41:

ENGLISH ESSAYS OF TODAY OUP 1936. Was another and because I was on with 'free books' I have no books that were issued but I have bought these last named books since.

PLAYS 1936-41:

In English for Shakespeare in first years we read JULIUS CAESAR.

In the second year, apart from another Shakespeare play, we read short stories in: MODERN ENGLISH SHORT STORIES and published by Harrap, I think.

There was also another book in the series under the title of:

MODERN ENGLISH ONE ACT PLAYS. The latter was used in the House Play Competition. In the third year we read:

UNDER THE GREENWOOD TREE, Hardy, and another Shakespeare play.

For **School Certificate** we studied:

INNIE BOOK MISCELLANY

THE TEMPEST

The only text book I can recall with certainty was the:

SHAKESPEARE COMEDIES Everyman (Dent) from which we read 'Twelfth Night'. {GL] End GL section.

1950s NB – Ken Ashcroft recalls using Everyman “Tragedies” so the series may have lingered on into the 50s, apart from copies that went astray! [AH] “Stan, I think, recalled that we used 'The Warwick Shakespeare', a red-back edition of the plays which I seem to remember was used with all the plays of Shakespeare which we read through the school.” GL. “I don't have a note if he did, I mentioned them in early '50s.”AH].

1940s

MERCHANT OF VENICE All I recall was the well-worn Shakespeare SET book. Seems I was doomed for endless terms (Tudor Jones?) to memorize the Merchant of Venice for both O and A level Eng Lit? [SKB]

1950s USA & RA

ALTERNATIVE ENGLISH TEST PAPERS, James M Charlton, light blue cover.

AN ENGLISH COURSE FOR EXAMINATIONS, PR Heather, Longman Green & Co., first published 1949. [RA]

NOTES ON CHOSEN ENGLISH TEXTS, Julius Caesar, TW Smith, James Brodie, London, green cover. [RA],

COMUS WITH MINOR POEMS AND SONNETS, Milton, Brodie's Chosen English Text.

ENGLISH O Level ['50s]: There were two subjects Eng Lang & Eng Lit. Lots of Lit material recalled but not much in the way of Eng. Lang texts. What did we use for Eng Lang? Did we have a formal English Text?

PLAYS:

A Shakespeare Play each year (Warwick Shakespeare? Slim Red, logo) AH 51-58.

MERCHANT OF VENICE (Eng Lit) 1959/60 JS

TRAGEDIES, Shakespeare, Everyman's Library, 1947 edition from Dent, London.

980 pp, pale green cloth cover, orange endpapers. Has the old oval school stamp with 1825 at the centre. [KA 51-57]

THE QUARE FELLOW [JS/AH]

UNDER MILK WOOD [JS/AH]

POETRY:

WORDSWORTH'S POEMS [1955 U5B O Level Set Books]

Keats [U5B . Odes on whatever and all that] [JS]

ENGLISH READING TEXTS: [Issued each term]

INVISIBLE MAN [4B 1953] [AH]

PICKWICK PAPERS [AH]

WHITE FANG L5B [1954] [AH]

CLOISTER & THE HEARTH [U5B1955 O level English Set book] [AH]

GREAT EXPECTATIONS [U5Sc1955 O level English Set book][RG]

PICTURE OF DORIAN GRAY JS

INNIE BOOK MISCELLANY

CATCHER IN THE RYE [1958?] JS
WOODLANDERS Hardy, MacMillan Scholar's Library IT
TRUMPET MAJOR Hardy, MacMillan Scholar's Library IT
MAYOR OF CASTERBRIDGE Hardy, MacMillan Scholar's Library IT
Can't recall any! Vague memory of a poetry anthology (X)

ADVISED – bought at Phillip Son & Nephew:
NOTES ON CHOSEN ENGLISH TEXTS ed CARRINGTON pb BRODIE [AH] 1/6
NOTES ON THE CLOISTER & THE HEARTH [AH]
NOTES ON GREAT EXPECTATIONS [AH]
SELECTIONS FROM WORDSWORTH Pinion [AH]

GEOGRAPHY:

No idea. Pathetic recollection! [AH]
COMMERCIAL GEOGRAPHY Stamp (dreadful text!)[IT]
THE WORLD, A GENERAL GEOGRAPHY, L Dudley Stamp, 11th Edition, 1944,
green cover. [RQ]
[Same?:-WORLD REGIONS Stamp [IT]] O.S. interpretation manual [IT]
ATLAS? Issued in class? [AH]

1957-1964: Another book which I have a copy of, though it does not have the
Institute stamp in it so it must have come from elsewhere, is a geography book. THE
BRITISH ISLES by L Dudley Stamp used by 'Jake' Edwards if I recall correctly. It
makes interesting reading, 50 pages on the British Coal Industry (RIP, courtesy of
Atilla the Hen, with contributions from Arthur Scargill) and 100 pages on the Iron
and Steel Areas. Sad reading really [CS].

HISTORY:

1936-41
BRITAIN 1787-1914, by Brett is my vague notion of our History text [GL].

50s NO TAKERS SO FAR. What is it with the History books?
I recall Prolly Peters caught my imagination with the Renaissance and the issuing of
Banknotes. All from a densely printed, unillustrated “modern” history with maroon
covers. Can't recall 3rd form books. [AH].

1960s. In the 60s for History we used:
MODERN BRITAIN, a green hard backed book about Pitt the Younger and the Elder
and the Corn Laws. It was deadly dull [WO]. Similar to 1955 O Level book [AH]

MATHEMATICS:

1937-41
In the first years in Maths we seemed to rely on Durell. We had I think,
ARITHMETIC by Durell and Fawdry and
GEOMETRY by Fawdry. Can't recall the Algebra
ALGEBRA Durell?. [GL]
Also a text book for solid geometry which I found uninspiring and indigestible [GL].

1951-55
ARITHMETIC: Durell

INNIE BOOK MISCELLANY

ALGEBRA, Durrell [Grey book in 3rd form.]
NEW GEOMETRY for Schools, Durrell.3A, [RQ]

[In lower school maths, all the books were by C. V. DURRELL. He was a (hopeless I am informed) maths teacher at Winchester, but he cornered the maths text book market. I think his (many) books are now out of print. I have been asked several times about them, and I refer people to Winchester College, but I don't think they have spares now. You are right, we used separate books on Arithmetic, on Algebra, and on Geometry (all Durrell) - he published books with mixed content. DW]

TRIGONOMETRY Didn't we have a little blue O Level, hardback, TRIG book [AH]

GENERAL SCIENCE (4A &4B and possibly 4D, E, F?):

1936-41

General Science. I can't remember any text which we had in the first year and looking back at my badly scribbled notes I seem to think that Chapman Pincher steered his own idiosyncratic way with a strong bias towards Biology.[GL]

1951-55

GENERAL SCIENCE [Red, taller than usual for width, pretty old in 1952].[AH]

PHYSICS

1936-41

I can't remember any Physics text books [GL]

1950s? No suggestions from our 4Sc-U5Sc Old Lags?

1957-1964: I seem to remember that in Physics the standard textbook was 'Principles of Physics by E M Nelkon which had a grey cover. I remember in the mid 1980's visiting Coimbra, the old capital of Portugal. In the Royal Library, a magnificent building with huge ebony tables and many rare manuscripts and books I found a copy of Nelkon's book tucked into one of the bookshelves. It really pleased me to see it there, though I don't quite know why.[CS]

CHEMISTRY

1936-41

CHEMISTRY, E.J. Holmyard for School Cert.[GL]

1950s? No suggestions from our 4Sc-U5Sc Old Lags?

***UPPER SCHOOL:**

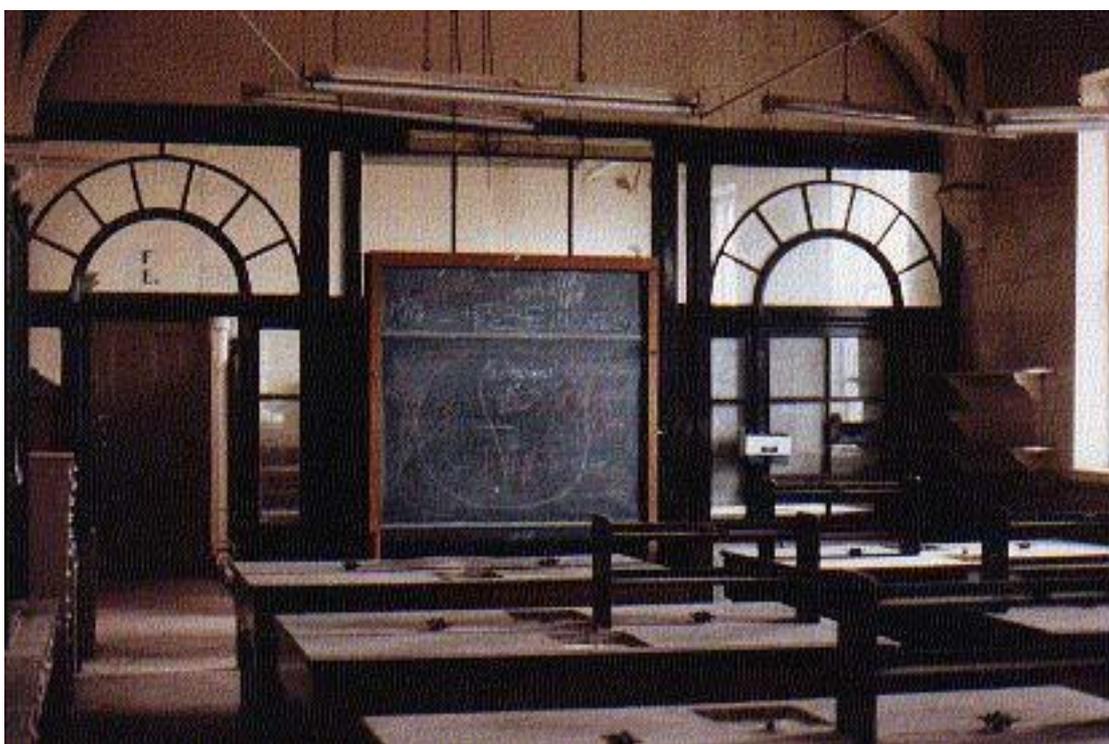
SCIENCE SIXTHS

LOGIC & PHILOSOPHY [ENGLISH! on Report] 50s:

TEXTBOOK OF SYMBOLIC LOGIC [Whose? light blue containing symbolic logic]
PLATO'S REPUBLIC [Red dc probably Everyman] E.R. Jones; had Twisty Turner's room circa 1956. One lesson a week for 6BSc. [AH]

ENGLISH:

Readings and short essays with Dusty Durban; don't recall a book being issued. He used to read from books like MICE & MEN and CANNERY ROW and was clearly moved by them [AH].



TOP FLOOR CHEMISTRY LABORATORY WITH WINDOWS ONTO THE CHEMISTRY LECTURE THEATRE.

CHEMISTRY 50s:

INTERMEDIATE CHEMISTRY. Lowrey & Cavell [Thick, green cloth hdbk]
GENERAL AND INORGANIC CHEMISTRY. Durrant [Dark blue cloth hdbk]
ORGANIC CHEMISTRY. Durrant [Dark blue cloth hdbk] INTRODUCTION TO
PHYSICAL CHEMISTRY. Finter [Ochre]
MODERN VALENCY THEORY. G. I. Brown. [tawn dj title in Red]

ANALYSIS QUALITATIVE [Gray cloth-backed folder PhillipSon&Nephew?]

PROBLEMS IN PHYSICAL CHEMISTRY. ?????? ANY HELP?

PHYSICAL CHEMISTRY (pale blue Gas Laws etc) ANY HELP? This remains unidentified; a brand new text on physical chemistry with a bright blue, almost

INNIE BOOK MISCELLANY

caerulean, sized cover, no dj, supplied to us ca 1956/7 . It was primarily an explanation of the underpinnings of physical chemistry. Good physical explanations of Brownian motion, gas-laws and atomic theory in a relatively expansive fashion. Few illustrations and those simple line drawings. A much more modern approach than L&C, better than Durrant, qualitative rather than mathematical.

Did we have a book on Microchemistry for 6ASc2 or Micro-analysis? Or was it just the manual out of the Quickfit set? I think I had a green "MICROCHEMISTRY" text out on "permanent" loan from Huyton Library.

ADVISED:

HIGHER MATHFOR STUDENTS OF CHEMISTRY & PHYSICS Mellor Dover
SCIENCE FOR THE CITIZEN Lancelot Hogben

AVAILABLE: cupboards, small chemistry lecture theatre

SCHOOL SCIENCE REVIEW

DISCOVERY

USA CHEMISTRY SOCIETY MAGAZINE; NICKY'S?

"I have only one criticism of Nicky's pedagogy - he taught the fundamentals of chemistry with consummate skill, and threw out intellectual challenges on a daily basis. However, he left it up to the students to discover for themselves the practical consequences of the subject." [KA]

AH NB: Ken - Had a look on Bookfinder to find s/h works and:

Author: Ashcroft, Ken & Hammill, Joe

CHEMISTRY OF THE CAR (THE ACTION CHEMISTRY SERIES)

ISBN: 0772520070. Book Society of Canada; 1980; Trade Paperback; school stamps; Very good.

[Another shocking school library clearance no doubt]. For sale in CANADA from no other than:

NIKKI'S BOOK NOOK

Talk about synchronicity!

1963-69 The standard A-level inorganic chemistry textbook was:

MODERN INORGANIC CHEMISTRY Mellor's for literally decades. I have two copies - one was given to me by a friend of my parents, Ernie Atkinson, who was at the Institute in the 1920s, and the other is my own from 1967 or thereabouts. Ernie Atkinson's copy has his name and form (UVSc, to the best of memory - can't be bothered to rummage for it now) at the bottom RH corner of page 13 - apparently that was the usual place to put your name on a book in those days. [WL]

Mellor was secondary in the 55-58 period. Lowry and Cavell was the main source text. Durrant the secondary AH

[Does anyone remember someone called A.A. McPherson? A recent graduate from Liverpool, arrived in 1957, and proceeded to teach us "modern" organic chemistry, i.e. all the reaction MECHANISMS which Nicky hadn't mentioned. As far as I was concerned, being a junior myself, he was a deadly RUGBY player, starred at Birkenhead Park, and, according to rumour, on the Scotland team as well. For sure, he

INNIE BOOK MISCELLANY

appeared in class on Monday on more than one occasion with a nice shiny black eye [KA].

Ken Ahcroft [ca' 56-'56] recall a book of syntheses which we used for doing organic reactions in the lab - had a title like "Practical Organic Chemistry", and a fawn cloth-bound cover. Mine also had many acid stains on the front even before it was issued. May even have my copy buried somewhere. [I , AH, don't recall but for level did many organic syntheses with Nicky's treasured Quickfit set in the a big wooden box. I must have followed some kind of organic practical instruction book with it but can't recall what that was.

I checked and McPherson did arrive in 1957 but I have no recollection of him. However, KA and I recall 6Asc2 was "divided" for '57/58 and he and I had different teaching. The teaching was so separated that until recently I had come to think that Ken had left in July 1957 though I cannot have thought that at the time [AH].



THE SMALL BIOLOGY LECTURE THEATRE ON THE SUB-GROUND FLOOR ADJOINING THE BIOLOGY LABORATORY & DISSECTING ROOM.

**BIOLOGY 50s:
BIOLOGY**

INTERMEDIATE BIOLOGY, Wheeler, green hdbk ripple effect cover, pulpy paper line drawings. Heinemann] Very readable but packed with anatomical and structural detail and lacking in functional biology, physiology, biochemistry, mechanism. In that respect it is a hangover from the Victorian syllabus. The author is becoming aware of this and packing some extras in. I have not seen the later editions of the

'60s. However, he refers to J Z Young for neuroscience [see library, we had Young's DOUBT AND CERTAINTY in Science, the REITH LECTURES].

ANIMAL BIOLOGY, Grove and Newell, [v deep blue to black cloth hdbk]
DISSECTION MANUALS (Rat/Rabbit/Frog Large, paper covers yellow)
DISSECTION OF THE EARTHWORM Whitehouse & Grove Small hdbk orange
DISSECTION OF THE FROG Whitehouse & Grove Small hdbk cloth blue
PLANT BIOLOGY, Fritsch and Salisbury,
BOTANY Text [Cambridge. blue, flecked cloth hdbk]
BOTANY PRACTICAL MANUAL [very large format ppbk with pix, red cvr]
ANIMAL PHYSIOLOGY. Yapp OUP [std OUP dk blue] A dull work.
ORIGIN OF SPECIES Darwin OUP Classics Miniature

50s Advised:

ANIMALS WITHOUT BACKBONES 2 Vol Buchsbaum Penguin
MAN & THE VERTEBRATES Romer 2 Vol Penguin
THE PERSONALITY OF ANIMALS Munro Fox Penguin
THE CHILDHOOD OF ANIMALS Chalmers Mitchell Penguin
CINE BIOLOGY Field Durden & Smith Penguin
SEE HOW THEY GROW Field Durden & Smith Penguin
GENETICS Kalmus Penguin
ANIMALS & MEN Katz Penguin
THE MEANING OF EVOLUTION Gaylord Simpson [Superb book]
DARWINISM Russell Wallace
SEA AROUND US Rachel Carson
THE EDGE OF THE SEA Rachel Carson
"NO TITLE???" Identification Manual for Sea Shore L'pool Univ. ca 1953 It had a stiff DJ with an orange border with some line drawing within the frame. The last three books were for the IOM Port Erin Marine Biology Station Course at Easter. I did it twice as did some others in 1956 and 1957. The current Director of the station has not been able to identify this book..

Made Available: Biol Lab Bookcase.

NEW BIOLOGY Magazine Penguin. Long defunct.

Many of us had copies of:

A DICTIONARY OF SCIENCE Uvarov & Chapman Penguin Reference Books
1951/54
A DICTIONARY OF BIOLOGY Abercombie et al. Penguin Reference Books
1951/54

I was much influenced by:

PHYSIOLOGY & BIOCHEMISTRY by Bell, Davis & Scarborough
FACTS FROM FIGURES by Moroney, Pelican 1953.

APPLIED MATH/MECHANICS

40s (6Asc Math/Physics stream?) "I must add Billy Baxter's hard-green-backed work STATICS & DYNAMICS (Longmans?) before it was replaced by Ramsey's more up-to-date volumes. Billy, aka Creeping Jesus, dismissed the whole Relativistic and

Non-Euclidean new-fangled nonsense. Although many of us got to Oxbridge math-wise, it took a while for us to adjust to "modern" (post-Newton) paradigms." [SKB].

INTERMEDIATE MECHANICS by Humphreys. In my case, the book was incorrectly titled - it should have been "Indeterminate Mechanics". [KA]

BASIS OF APPLIED MATHS 50s 6ASc Applied Math for the science sixth was my nemesis - a red-backed tome

PHYSICS 50s:

ADVANCES IN THE INSTITUTE BOOKLIST 1987

Re: 6th Form Science; mid-50s

Ken recently located our 1955 co-6BSc member Noel Howard. In writing to him I forwarded a copy of the booklist. He could not recall much but did suggest that we had a book by 'Nokes'.

This rang a bell, I 'mentally' heard Bilge saying "Read Noakes, pages". Note the 'a' in Noakes. Also recalled a certain distaste for the volume. My brain started working and I recalled a rather used green book on Light, with a fold-out spectrum table. Considering its condition I guessed it was published ca 1952 or before. Looked on the Net and bought one cheaply:

A TEXT BOOK OF LIGHT (335 pgs)

G.R. Noakes

MacMillan 1950 2nd Ed.

It has the Spectrum Table and all the familiar and standard diagrams. Not an exciting text, did not fire me up then or now, though I have since done a fair amount of work on optics.

This started me thinking again about the book on Heat we got brand new in 1955. bluey-purple cover. I recalled that if you took two letters out of the author's name it spelled Mekon. For years I had thought in terms of Meeikon or somesuch. It is obvious. It was M. Nelkon. I recalled the computation on the increase of thickness of ice on a pond beginning at the bottom of a left hand page near the end. I bought a copy of that:

HEAT

M Nelkon

Blackie & Son (Reprinted with additions, 1953,
1954, 1955 twice, 1956)

The calculation on ice thickness was as recalled. The section on Rumford 'boring' experiment was exactly as recalled etc.

That left our text on Mechanics and Properties of Matter unidentified. I had thought it to probably be by Nelkon but took a punt on a work by Noakes. And that was it. The full page picture of Planetary Orbits, Pullies, Fletcher's Trolley (a former

Institute headmaster) etc were exactly right. I have the material in his fused volume of 4 works, called Intermediate Physics, but the Mechanics text was published separately in 1950, 1953 & 1956. The latter is too late and the book, though used, was in very good condition when circulated to us so I would guess it was 1953:

A TEXTBOOK OF GENERAL PHYSICS

G. R. Noakes

Macmillan 1953.

The identification is made through certain diagrams; Fletcher's trolley and the planetary orbits figuring large along with pulley systems. The drawings of the latter two are good 3D representations. I can rule out the obvious alternative "Mechanics & Properties of Matter" by M Nelkon Heinemann 2nd ed 1955 Reprinted. I have a copy to hand and it is not what we were issued with. Its diagrams were not 3D, very simple.

However, Mr Isaacs of fond memory began our physics, when he replaced Mr Plant of equal fond memory, from a textbook we had not been issued with. It began with the math of projectiles [though not the rockets in which I was then interested] so I had found a second-hand copy so I could follow him, though now long lost. I have Nelkon's book to hand now and it starts with projectiles and has the abstracted form that Isaacs taught. It conforms with my memory of the work.

THE REST OF PHYSICS Mid-50s :

METEOROLOGY:

PHYSICAL AND DYNAMIC METEOROLOGY

2nd ed. CUP, Brunt, David. 1939. 428 p

[Red cloth hdbk, battered old edition] RG

In 1955-56 this matches the awful work we had [falling apart].

I don't recall it being formally taught.

SOUND: "Sound" by Fredrick Mee, published by Heinemann Ltd in 1950, was in use at the Inny from 1952 (maybe earlier). Was still in use in 1961." reported Alan Clegg in June 2009. I recalled a stout gray, sugarbag-like paper dust jacket with a lot of writing on the front, blue cover, slim volume of no more than 200 pages. There are many copies, still with their djs, for sale on the net with blue cloth cover and slim, the book has 150 pages.

LABORATORY PHYSICS: AVERY & INGRAM ?

[Red hdbk, rounded corners new in September 1956].

[AH] I recall this being associated with Liverpool University

MAGNETISM, ELECTRICITY ca 1955 [Green Cloth]

M. Nelkon, Heinemann

I already have "Electricity and Magnetism" to hand and identified as Nelkon with its brilliantly exciting experiment on obtaining the speed of light with a capacitor.

Looking over these works, independent of the Chemistry and Biology texts, I am very surprised and impressed with what we absorbed in that period of 2 or 3 years.

INNIE BOOK MISCELLANY

ADVISED:

REVISION NOTES IN PHYSICS I HEAT, LIGHT & SOUND Nelkon Heinemann

REVISION NOTES IN PHYSICS II MAGNETISM, ELECTRICITY,

[Both orange soft cloth.] 5/-

Bought from Phillip, Sons & Nephew

I seem to remember that in Physics the standard textbook was 'Principles of Physics by E M Nelkon which had a grey cover. I remember in the mid 1980's visiting Coimbra, the old capital of Portugal. In the Royal Library, a magnificent building with huge ebony tables and many rare manuscripts and books I found a copy of Nelkon's book tucked into one of the bookshelves. It really pleased me to see it there, though I don't quite know why.

Another book which I have a copy of, though it does not have the Institute stamp in it so it must have come from elsewhere is a geography book. The British Isles by L Dudley Stamp used by 'Jake' Edwards if I recall correctly. It makes interesting reading, 50 pages on the British Coal Industry (RIP, courtesy of Atilla the Hen, with contributions from Authur Scargill) and 100 pages on the Iron and Steel Areas. Sad reading really.

Charles Savage 57-64

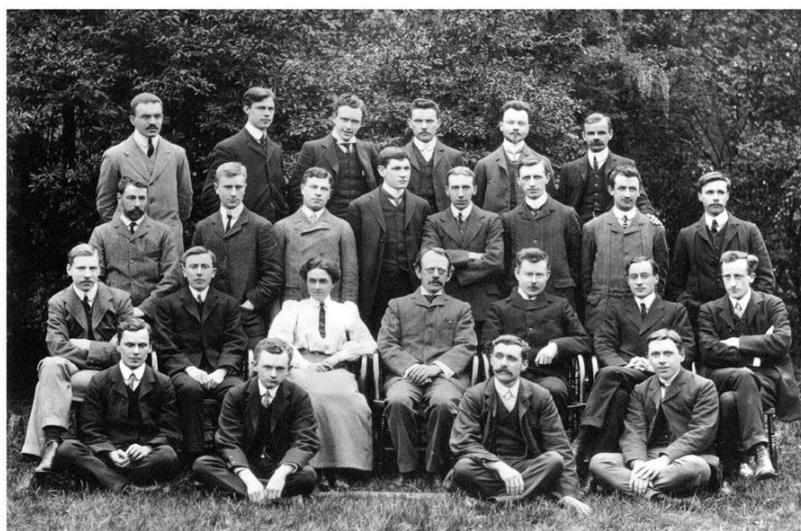
KAYE & LABY: Ken Ashcroft recalls there was a (single copy ?) of a book in Bilge's lab, which contained a vast array of physical constants. So, for instance, when we were stretching wires by dangling them from the ceiling and hanging heaps of iron weights on the ends to make them extend so we could calculate Young's Modulus, Bilge would say; "Look it up in ". Grey cover as I vaguely recall; there was a (single copy ?) of a book in Bilge's lab, which contained a vast array of physical constants. Ken's brain woke up a bit later than him and he then recalled that the book was known by its author's names "Kaye & Laby". After this prompting I [AH] recall it too. I think Bilge was rather proud of it.

<http://rsnr.royalsocietypublishing.org/content/60/1/49.full>

Ken later found the photo below showing Laby & Kaye behind J.J.Thompon!

Notes: Rec. R. Soc. 2006 Jan 60(1) 49-57, Figure 1.ppt

Physics research students, May 1907

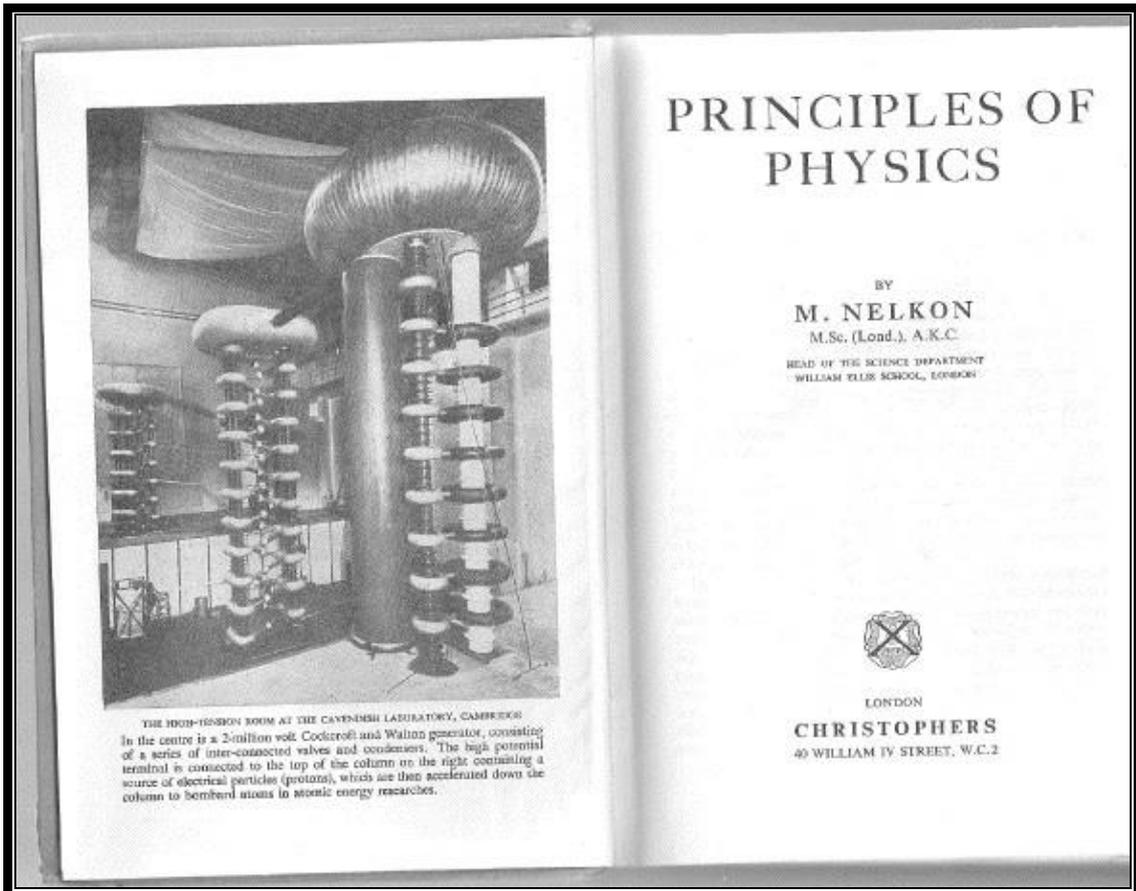


N. Papalexii, H. F. Dawes, D. F. Comstock, J. Kunz, F. Zaviska, W. Burton,

W. A. B. Rudge, N. F. Biggs, G. Brodsky, T. H. Laby, G. W. C. Kaye, P. D. Innes, J. Satterley, J. W. Bispham.

C. Chittock, F. Horton, Miss Saltmarsh, Prof. J. J. Thomson, A. A. Robb, N. R. Campbell, A. Wood.

C. A. B. Garrett, W. H. Logeman, R. D. Kleeman, J. A. Crowther.



THE 100M-1000M ROOM AT THE CAVENDISH LABORATORY, CAMBRIDGE
 In the centre is a 2-million volt Cockcroft and Walton generator, consisting of a series of inter-connected valves and condensers. The high potential terminal is connected to the top of the column on the right containing a source of electrical particles (protons), which are then accelerated down the column to bombard atoms in atomic energy researches.

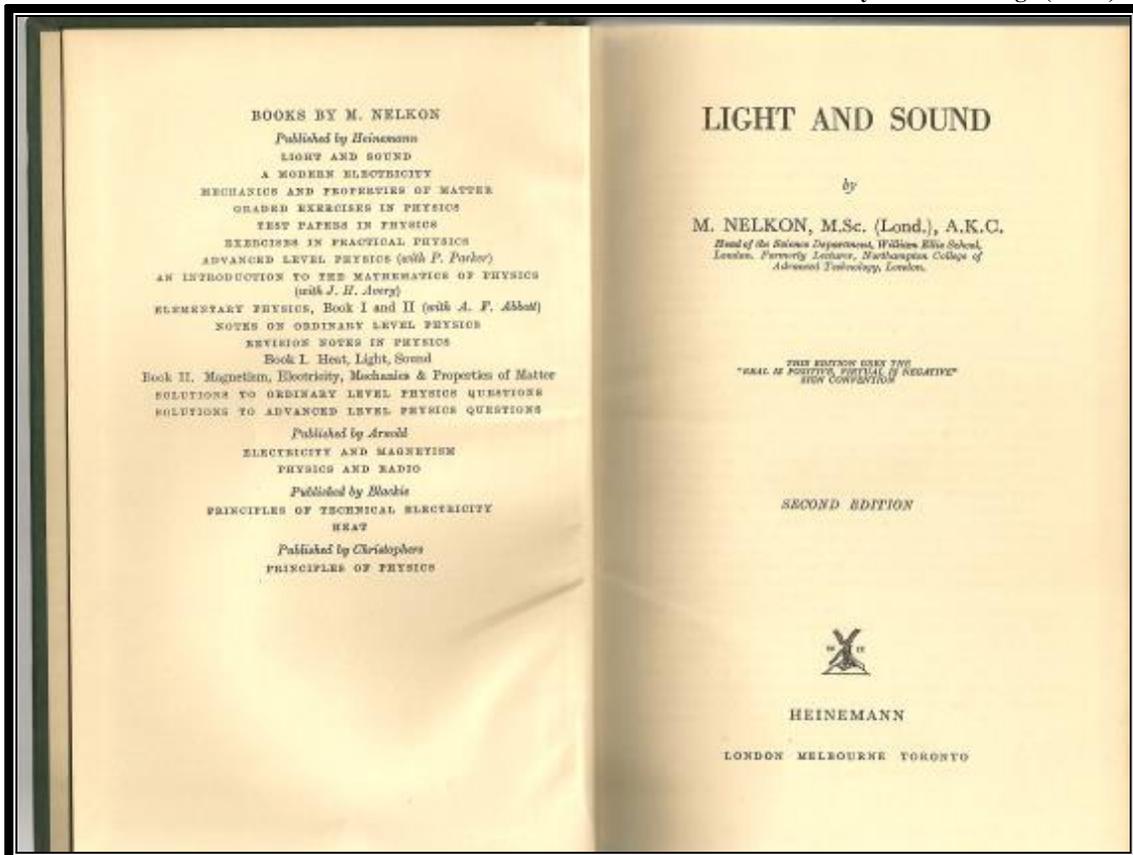
PRINCIPLES OF PHYSICS

BY
M. NELKON
 M.Sc. (Lond.), A.K.C.
 HEAD OF THE SCIENCE DEPARTMENT
 WILLIAM ELIAS SCHOOL, LONDON



LONDON
CHRISTOPHERS
 40 WILLIAM IV STREET, W.C.2

Courtesy Charles Savage (57-64)



BOOKS BY M. NELKON
 Published by Heinemann
 LIGHT AND SOUND
 A MODERN ELECTRICITY
 MECHANICS AND PROPERTIES OF MATTER
 GRADED EXERCISES IN PHYSICS
 TEST PAPERS IN PHYSICS
 EXERCISES IN PRACTICAL PHYSICS
 ADVANCED LEVEL PHYSICS (with P. Parker)
 AN INTRODUCTION TO THE MATHEMATICS OF PHYSICS
 (with J. H. Avery)
 ELEMENTARY PHYSICS, Book I and II (with A. F. Abbot)
 NOTES ON ORDINARY LEVEL PHYSICS
 REVISION NOTES IN PHYSICS
 Book I. Heat, Light, Sound
 Book II. Magnetism, Electricity, Mechanics & Properties of Matter
 SOLUTIONS TO ORDINARY LEVEL PHYSICS QUESTIONS
 SOLUTIONS TO ADVANCED LEVEL PHYSICS QUESTIONS
 Published by Arnold
 ELECTRICITY AND MAGNETISM
 PHYSICS AND RADIO
 Published by Bloch
 PRINCIPLES OF TECHNICAL ELECTRICITY
 HEAT
 Published by Christophers
 PRINCIPLES OF PHYSICS

LIGHT AND SOUND

by
M. NELKON, M.Sc. (Lond.), A.K.C.
 Head of the Science Department, William Elias School,
 London. Formerly Lecturer, Northampton College of
 Advanced Technology, London.

THIS EDITION USES THE
 "SIGN OF POSITIVE, NEGATIVE OR NEGATIVE"
 SIGN CONVENTION

SECOND EDITION



HEINEMANN
 LONDON MELBOURNE TORONTO

Courtesy Charles Savage (57-64)

GERMAN:

GERMAN FOR SCIENCE STUDENTS [deep grass green cloth hdbk]

A LEVEL MATHS

In the sixth form, we used 3 more Durrell books. I think they were:

CALCULUS by CV Durrell

ALGEBRA by CV Durrell

GEOMETRY & TRIGONOMETRY by CV Durrell

I am about 90 per cent sure of these titles. We also used

MECHANICS by Humphrey & Topping,

PURE MATHS PROBLEMS by Fulford

APPLIED MATHS PROBLEMS by Fulford

Fred Brierley also dictated copious notes - I've still some - that was the only part of his teaching that was appalling, but I don't suppose they had duplicating facilities then!

For those of us going on to Oxbridge entry, we used

HIGHER ALGEBRA FOR SCHOOLS by W L Ferrar,

STATICS by Ramsey,

DYNAMICS by Ramsey

PROJECTIVE GEOMETRY by Maxwell - this last book would only be used up to

1965 when the topic was taken off the entrance paper. I think that's the complete list [DW].

NON-SCIENCE SIXTHS

CLASSICS etc.

6AC SIXTH FORM CLASSICS

ILIAD, BOOKS I - XII, Homer, DB Monro, 4th Edition Revised, Reprint 1949, mauve cover [RQ]

ILIAD, BOOKS XIII - XXIV, Homer, DB Monro, 5th Edition Revised, Reprint 1949, mauve cover.[RQ]

"Homer's ILIAD by DB Monro I left school from Form RA after doing five years of Latin and three of Greek. In 1977 after 21 years in Industry, I had a large bout of nostalgia (from which I have never quite recovered) and enrolled at night school on a classical Greek course at the Royal Institution, Colquitt Street (L'pool U Extra Mural Course). There were 10 students in the class, being myself and 9 women - but that's another story. After the first year it was decided that we would study the Iliad (in the original Greek) but could not get copies from the usual sources. I remembered the Institute and, after a phone call, visit and tour of the school, was given, on loan, 18 copies of the said works in two volumes (5 x Books 1-12 and 13 x Books 13-24). Some of the textbooks were in a reasonable condition, some not so good; all were usable. They had been printed variously in 1897, 1928, 1929, 1935 and 1949. The inside 'grids' suggested that the last time of use was 1963. I was pleased to see the names of some of my contemporary Greek scholars (RT Crofts, AJ Cummings, IA Edwards, JD Jackson and R Williams). The Classics Master said that Greek was no longer taught at the Institute at that time and that the books were just rotting in a cupboard. They were used by us willing students that year (1978-79) and I collected them up ready for further use in following years. But it did not happen and the Institute was closed in 1985. Some questions: 1. Who now is the owner of the books?"

INNIE BOOK MISCELLANY

2. Who was the Classics Master in 1977/8? 3. When was Classical Greek last taught at the Institute? Richard Quirk 51.3 - 56.2"

1. When the Innie closed many unwanted books were simply binned, so as Greek was no longer taught then they would probably have gone into a skip. 2. Answer to question 2 is Frank Eastham. [WO].

HISTORY SIXTH FORM

TUDORS & STUARTS IT 1603-1688 Specialised Text [IT]

****THE VIRTUAL SCHOOL LIBRARY****

For background on the school don't forget:

A HISTORY OF THE LIVERPOOL INSTITUTE SCHOOLS 1825 TO 1935

by Herbert J. Tiffen, M.A. [a former master in the school.]

Brian Reynolds notes that "The first research for this book was carried out by Dr. Alfred Holt. Due to ill health, he was forced to give up the project and the task passed to Herbert Tiffen at the request of Rev. H.H. Symonds, Headmaster at the time of Tiffen's retirement."

OLD INTRODUCTION of 21-02-03 [AH].

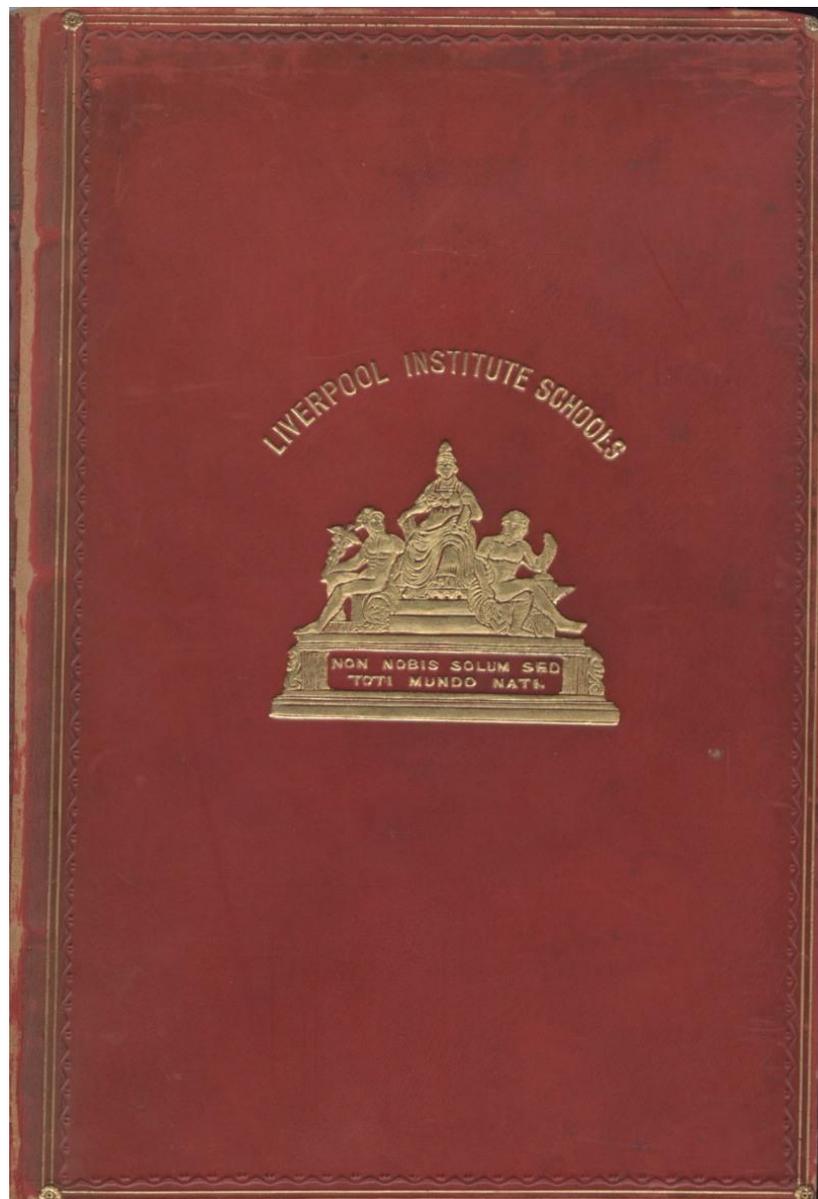
George and I have chatted about influential books a couple of times and found surprising commonality over a near 20 year gap in our LI entry years. Part of the commonality is explained by the school library content and our personal collections of Penguin Books which meant a lot to both of us. I recall my first encounters with the classics in translation when Stan Martin and I worked through THE ODYSSEY and THE ILLIAD, in the E.V. Rieu translation, as well as Herodotus, Tacitus and Lucian in the brown Penguin Classics along with many of the blue Pelican books such as Holmyard's ALCHEMY.

Ken Ashcroft and I, probably along with many others in the 1950s, had in common membership of several public free or pay libraries. There was an excellent Lancashire County Council Library at Huyton and a superb library at Dovecot in a huge room over the shops. They would get any book you asked for in about a month without fee. We were both members of the LEWIS'S LENDING LIBRARY crushed into a kind surplus staircase area that hung above the ground floor and overlooked the little street next to Central Station. I got my '50s Science fiction - hardback Heinlein, van Vogt (WEAPON SHOPS OF ISHER), Asimov, Simak (CITY), hardback versions of Panther books (OLD GROWLER Series, eg AMATEURS IN ALCHEMY), Campbell (BRAIN ULTIMATE, a career determiner along with Siodmak's DONNOVAN'S BRAIN) etc at 6d and 1/- per fortnight and the opportunity to buy them, or dearer books, cheap when they were remaindered. Dornberger's V2 was a 2/6d a fortnight book but the librarian kept it for me to buy for 3/- when it was remaindered. The Central Station 'Outer Bookstall' provided GALAXY, ASTOUNDING and the S/H Magazine Stall in St Johns Market provided second hand SF paperbacks, copies of POPULAR MECHANICS and old magazines like the 1930s ARMCHAIR SCIENCE edited by Professor A.M. Low whose practical home science books were well known to most of us. Other major Liverpool Department Stores had pay-per-book lending libraries, eg Bon Marché, and Boots had respectable collections.

I am working on a list of common background reading for the 50s and will post it when finished. It will also provide the opportunity for posting memories of Liverpool secondhand book sources, the new bookshops, Local Libraries, the Picton etc. **Any contributions welcome.** The Liverpool City Libraries were superb in the 1950s under the Librarian George Chandler whose name was imprinted in my mind from the book labels. He became Chief Librarian of the Australian National Library in Canberra and retired in Australia. I met him after a University House Wednesday Dinner and had a pleasant reminiscing conversation with him and his wife in the late 70s.

In the meantime I wonder if anyone can fill in the gaps on the School Library virtual shelves? Doug, any memory of the Math books? Did they have Coulson? What happened to the School Library in the 60s? Were there any other small libraries around the buildi

EARLY 19th CENTURY SCHOOL PRIZES & LIBRARY BOOKS ?



Brian Reynolds wrote 3-4-04:

INNIE BOOK MISCELLANY

I have the following four volumes - all purchased at the "Out Of Print" bookshop (now closed) in Renshaw St. in the 1990s. The owner of the shop was Ted Singleton and he told me he had bought quite a lot of the library when the school closed. A few months ago I met Dr.Cyril McGibbon, an old boy and last Chairman of the Board of Governors. He told me that he had authorised the sale of some library books to the same bookshop in order to provide cash for the purchase of new text books. Here's details of what I have:

1. FORTY ONE YEARS IN INDIA (FROM SUBALTERN TO COMMANDER-IN-CHIEF) by Field Marshall Earl Roberts of Kandahar with 44 illustrations.

Published in London by Macmillan and Co.Ltd. 1905.

The book is bound in red leather with the school crest, motto and LIVERPOOL INSTITUTE SCHOOLS embossed in gold on the cover. The title and other decorations are gold blocked (and badly rubbed) on the spine. The end papers are marbled blue, maroon and orange.

Inside the front cover is a book plate reading LIVERPOOL INSTITUTE COMMERCIAL SCHOOL 1906 Prize for Diligence and Good Conduct awarded to A.P.Mackenzie, Sixth Class. It is signed H.V.Weisse, Headmaster. The book is in good condition.

2. THE LIFE OF DAVID LIVINGSTONE by William Garden Blaikie with portrait and map. Published by John Murray, Albemarle Street 1906.

The book is bound in light brown leather with gold blocking on the front cover and spine as the above book. The end papers are the same. Inside the front cover there is a book plate reading LIVERPOOL INSTITUTE HIGH SCHOOL 1908 Prize for Diligence and Good Conduct awarded to Robert G.Mackenzie, Third B Form. It is signed by H.V.Weisse, Headmaster. The book is in good condition.

3. RELIGIO MEDICI AND OTHER ESSAYS by Sir Thomas Browne. Published in London by Chapman Hall Ltd.

The book is printed on uncut paper and bound in a soft maroon leather with the school crest, etc. embossed in gold on the front cover and the title in gold on the spine. There is no indication of the date. The book is in very good condition.

4. THE ESSAYS OF ELIA by Charles Lamb. Published in London by Chapman Hall Ltd. This book is printed and bound as item 3 and is also in very good condition.

It would seem that items 1 and 2 have been awarded to members of the same family - apparently a very well behaved one. Interesting that books 1 and 2 are embossed LIVERPOOL INSTITUTE SCHOOLS, presumably embracing Blackburne House.

Books 3 and 4 are both from a series "THE BOOKS OF THE VERULAM CLUB". I am attaching a scan of the front cover of Book 1.

[I assume these Prizes had been returned to the School at some stage? AH]



THE SCHOOL LIBRARIES

36-41[GL]: It is fascinating to read the list below and see how the culture of the time seeped into the school. The books which I picked up and read away from the atmosphere of the school figure quite prominently in the first version of the list (and I am thinking of such authors as J.Z. Young). I was very grateful in the 3rd Year for the privilege of going to the library in the lunch hour.

I am afraid my reading in the library was of H. H. Symonds 'Walking in the Lake District' [Headmaster before R.E. Edwards in the early 30s] to revisit my memories of the wonderful experience of the school camp and to pour over the O.S. maps of the area. But probably my favourite was the Oxford Dialect Dictionary closely followed by bound volumes of Punch - a glorious wallow in the warmth high above the city townscape.

The library for 'scientists' was separate from the school library. I remember being fascinated by PRELUDE TO CHEMISTRY BY John Reid.

On December 17th 1940, the last day of term, I retired to our Anderson air-raid shelter during the usual raid, with the book I had selected to read over the holidays. It was Einstein's simplified version of Relativity. I soon fell asleep only to be awakened by the roof of our house tumbling on top of the shelter. I never finished the book.

Probably input from the 3rd Programme, the odd Scientific American and the New Scientist, along with Penguins, directed my reading after leaving school. I must also add the Readers Union book club with its many polemic books of the period.
George Lucy 36-41 [GL]

When did this two cultures arrangement of a separate Science library come to an end? Were the cupboards I note in the Biology Lab and Room 39 the remnants of an earlier combined Science Library? [AH]

[SKB '41-'47] Re-Innie-Lit-Lib: Fading memories, YET Tudor-Jones had us reading not just the standard Bill The Quill (esp. the "Coal Merchant of Venice!") BUT Beaumont & Fletcher's "A Night in a Burning Piss House!"

Like Paul R., I did my serious reading at the main Picton Lib.

My wife-to-be #1 (Peggy) worked there, and we were wont to request books that had her climbing the iron spiral stair [stir] ways:

"Revealing all for the others to see "Exactly what appealed..." (c) Tom Lehrer

I ended up with stolen copies of Eddington's "Theory of Relativity" and Russell/Whitehead's "Principia." Vol I -- returned some 20 years later.

[AH: I don't recall being taught by Tud Jones but for some reason we were occasionally put with him in emergencies (master sick?). I recall he had several favourite books to read from. One was T.H. White's SWORD IN THE STONE which I immediately got from the local library. The other I would like to identify. It was a series of short comic stories of which I recall one in which someone invented a device for opening a locked door which had a key in the lock on the opposite side. Any ideas? I recall the stories as being hilarious.]

Doug W: recalls "Calculus Made Easy?" NOT in the Innie-Lib!

In fact, Billy Baxter went WILD when I showed him my copy!

The subtitle was "What one fool can do, so can you"

Baxter objected to "dx is a little bit of x"

At the time, this was sort-of HERESY

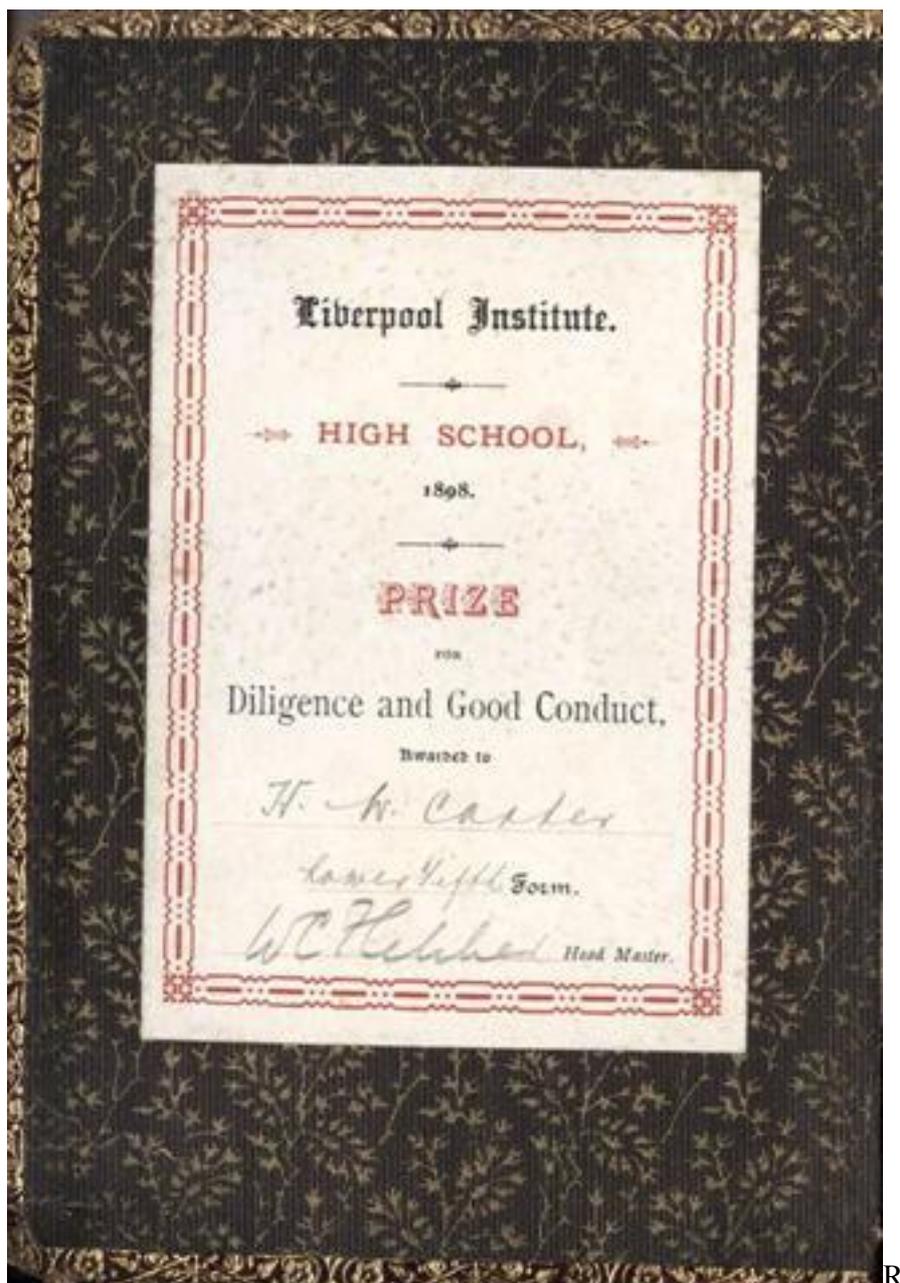
But "Calculus Made Easy" is still in print, unlike poor Baxter's diverse tomes [SKB]

NB: I agree with SKB, Sylvanus P. Thompon's "Calculus Made Easy" was not in the Innie Library and I did not encounter it until someone showed me a copy in the Imperial College Library[AH]

SMALL LIBRARIES IN THE SCHOOL

LUNCHROOM LIBRARY: 51-58 [AH]: In 1953 we moved from Toxteth to Pagemoss (Yes, choice neighbourhoods!) so I began to have lunch at the school instead of going home for it. Lunch was eaten, if you brought your own in an OXO tin [Sandwiches, possibly including a chocolate spread, boiled egg, radishes, small "personal" Gouda in red wax wrapped with red cellophane, Lyons mini-Swiss Rolls (Individually wrapped!) or chocolate cupcake etc], in Killer Watson's room, which though quiet did not at lunchtime have the foreboding atmosphere of the rest of the day.

In a cupboard or two at the side of the room was a quite good young person's library from which you could borrow books. I recall that it contained some or all the Arthur Ransome series but can't recall much else though I think it had an extensive Biggles collection [Any more input on the content of these cupboards?].

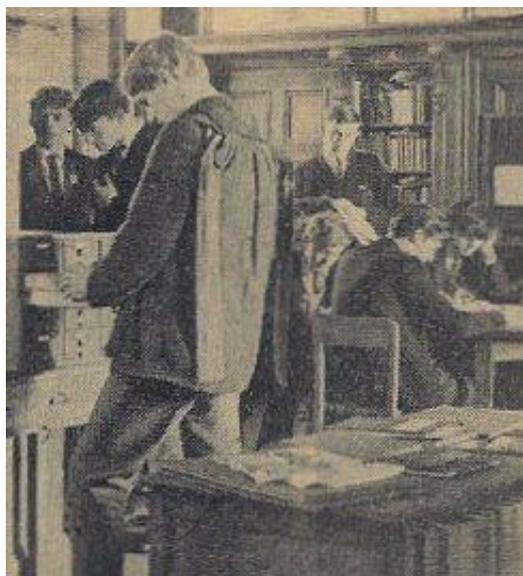


CHEMISTRY ROOM LIBRARY: On entering the 6th in 1955 there was quite an increase in available literature. The small chemistry lecture room, Room 39, had a glass cupboard containing DISCOVERY science magazine, an American Chemistry Teacher Magazine for University Level and a huge collection of the grey-bound SCHOOL SCIENCE REVIEW which had fascinating practical science articles in it which often used War surplus Equipment. Many of the articles were collected together in a series called THE SCIENCE MASTER'S HANDBOOKS which were held in the Huyton Library in the early 50s.

BIOLOGY LAB LIBRARY: In the Biology room in the basement a similar cupboard, placed by the door to the corridor depression, contained Penguin NEW BIOLOGY and NEW SCIENTIST along with a few green bound books on Anthropology, History of Writing, Art and Human Civilisation, Darwin etc. I have found odd s/h

INNIE BOOK MISCELLANY

copies of these since and they form the SCIENCE-HISTORY OF THE UNIVERSE (Waverly Press) in 10 Volumes 1909-1911. The ones at the Innie were still uncut as are those you find s/h!



SCHOOL LIBRARY PROPER:

The school library proper at the end of the corridor past the Prefect's Room had its Science in the first bay on the left upon entering the door. On the same wall as the door was a Math Section with popular works like Bell's MATHEMATICS QUEEN AND SERVANT OF SCIENCE, Rouse Ball etc. Then there was General Science and Physics. There were collections of essays by Haldane and Huxley in pocket hardback editions also Julian Huxley's OLD WINE IN NEW BOTTLES and Hogben's big SCIENCE FOR THE CITIZEN. The Physics collection had the REPORT OF THE ATOMIC ENERGY COMMISSION, original books by Rutherford, and a series of Eddington's works which were making an early attempt on TOE and fascinating – eg the meaning of the values of, and origin of the various physical constants. Stan Martin and I worked through those.

I don't recall the positioning of Chemistry, probably next to physics – all I recall is a huge – orange?– ORGANIC CHEMISTRY, typical of its kind and a work on complex metallic compounds, much above our level of skill. There was a right angle bend in the wall through physics to a window with a seat built-in, facing a work table, and on the other side of this bay, in a bookcase jutting out into the room, were pre-med physiological & biological texts. I recall works on evolution, the then current Huxley's EVOLUTION THE MODERN SYNTHESIS and electrophysiology and neurophysiology. This boundary between electricity, engineering and living tissue fascinated me. Hill's book from the late 1930s on electrophysiology and the study of nerve and muscle, LIVING MACHINERY, hit the mark for me. J Z Young's REITH LECTURES: DOUBT AND CERTAINTY IN SCIENCE which really helped along my enthusiasm for neurophysiology by introducing me to the concepts of neuronal circuitry and pointed the way to information theory .

[Ken was a willing collaborator in electrophysiology experiments that arose from my contact with the above books coupled with Brenda Savage's PRELIMINARY

ELECTRICITY FOR THE PHYSIOTHERAPIST from Huyton Public Library. I recall wiring up his arm with “motor-point” electrodes so that I could make it do my will by playing a keyboard that selectively activated them (at the cost of some painful stimulation for Ken). I also had a copy of a Wireless World article on Jevon’s [Innie Old Boy; JL] ‘Logical Piano’ implemented by relays, which I built in a small version, and a Scientific American article on the relay computer SIMPLE SIMON from the early 50s (s/h Newington Bookshop) plus MACHINES THAT THINK by Berkley from the Picton library. This was far beyond my resources to build. But I soon found out about Logical Nets and Neural Circuitry in works such as those of McCullough and Pitts and the nexus made our weekly lessons in symbolic logic with Mr Edwards the more fascinating. At this time, 1954-1958, I also was intrigued by analogue robotics in THINKING BY MACHINE by Pierre de Latil from Huyton Library and W. Gray Walters’ book THE LIVING BRAIN from the Dovecot Library. The latter had photos and circuits for his little electronic robot ‘tortoises’ which were all the rage around 1954 given the extraordinarily complex behaviour that emerged from two valves, two relays, two motors, a photocell and collision activated switches. I began making one at home with its brain based on two 3S4 valves and components chosen under the guidance of excellent books like RADIO CONTROL OF MODELS by Sommerhof from the electronics section on the top floor at Philipson and Nephew. The mechanics were a mix of war surplus and Meccano. It was the Meccano gears that collapsed just before the 1956 Hobby Show and cut short the tortoise’s career on the stage. Such machines were the popular equivalent of BugWalkers, Soccerbots and Aibos now but in comparison their complex achievements were based on amazingly simple circuitry [a Web search for “Gray Walter & Tortoise” will access a good pdf instruction sheet for a Lego model that can be made from a Mindstorms set and which can be seen in action on uTube.].

Like Doug Whittaker I also have an Oxbridge interview story based on a book. I couldn’t afford the expensive Medical Physiology texts like that in the library but had compensated with a huge standard 1880 Textbook of Physiology gleaned from a second hand stall for 9d. In it there were instructions on how to combine simple glasswork with mercury and sulphuric acid to make a device called a Capillary Electrometer. This could be used to measure tiny voltage fluctuations like the ECG and was an important tool at the time of the book. I built one and watched the electrical waves of the heartbeat on it. When I was interviewed at Oxford by the assembled Fellows I was asked why I was interested in electrophysiology. I mentioned some of my fascinations including the capillary electrometer. My future tutor was curious, it was ancient history. He thought he would help reveal my historical knowledge and asked “Then who was Sir Charles Sherrington?”. But I didn’t know – had never heard of him. Some whispering and consternation (Sherrington was a Nobel Laureate in Neurophysiology and Professor of Physiology at Liverpool and then Oxford). My mixed knowledge and ignorance puzzled them. A pretender to learning? Fortunately, being Oxford, they entertained themselves by examining what I did and didn’t know. My tutor later told me it was fascinating – I was a partial time capsule. It emerged that most of my physiological knowledge was from the 9d text bought from the Market Bookstall. Being 1880, Sherrington did not feature. They loved it and I was in. A decade later I taught a practical electrophysiology class at Oxford, as laid down by Sherrington, and little changed, aided by a vastly knowledgeable and expert elderly technician. It turned out he started there on the same day that Sir Charles Sherrington took up the Oxford Chair

and had worked the class with him! Before that Sherrington had lived up by Princes Park in Ullet Rd., I understand.]

It may be worthy of note that these activities and interests emerged again later in my career. At Imperial college as part of my course I researched the mathematics of electrically excitable nerve and heart membrane and in the mid-sixties I introduced the analogue computer [a Heathkit!] for modelling and teaching the otherwise difficult theory of electrically excitable membrane and ECG to the Western General students of Edinburgh Medical School. This was described by the Director of the Wellcome Medical Institute as the first recorded instance of electrical analogue computers being used for medical teaching. Surprisingly late if that is true. I had wanted that Heathkit machine since I was about 15 having seen it in a USA paperback book for electronic hobbyists bought at the outer bookstall at Central Station – ELECTRONICS HANDBOOK [Fawcett How To 319, 1956] - one of the younger technicians and I had enormous fun putting it together. A really good value kit!

Wetty Webster might be pleased to see in such stories a rebuttal of Wordsworth in the PRELUDE:

“ But who shall parcel out
His intellect by geometric rules,
Split like a province into round and square?
Who knows the individual hour in which
His habits were first sown even as a seed?
Who that shall point as with a wand, and say
‘This portion of the river of my mind
Came from yon fountain’.”

Perhaps some more Liobians can identify contacts made with triggering materials and pivotal ideas in the school environment that re-emerged in later life.

Returning to conventional biology, there were many of the wonderful green backed NATURAL HISTORY LIBRARY works, ANIMALS & PLANTS OF THE SEASHORE for instance and books on the Deep Sea, Hardy – THE OPEN SEA? I recall some large works on soils and farming. Still enjoyable reads and increasingly expensive at s/h shops. These were vital books for city boys learning biology at the time – they reconnected us with nature and undercut the bookishness of our work.

In the second bay on that wall, I think, was the ENCYCLOPAEDIA BRITANNICA, in its own rotating stand, mostly pristine except for the page containing the entry on Prostitution which was detached, dirty and crumbling.[I know this because I happened to see an EMERGENCY WARD 10 programme on TV in which a girl found a bony tumour on her elbow when playing tennis. Next day I was putting on my socks and felt a small bony dome growing on my ankle. I pulled the O/P volume, looked up the word mentioned in the programme - “osteosarcoma”- and was horrified to find a picture of a leg bone with a mushroom of bone growing out at the ankle; said to occur in people aged 16-25 and be almost invariably fatal, I was not then much interested in going back to look at the prostitution page. I visited my doctor later that day hoping to be sent away but he said ‘don’t worry’ just go “right away” and get an X-ray this evening! It was a harmless osteoma which is still with me unchanged.

I can't remember much about the rest of the library layout though I used the collection a lot. I recall a fascinating edition of Marlowe's FAUST packed with notes on alternate readings, my first contact with a 'variorum'. Also there was a set of SHAW'S PLAYS individually bound in that standard brown cloth each with its Preface. I read several for the Preface. In writing this I suddenly had an image of working from a copy of MAN and SUPERMAN in class but I can't place the year. There was a fiction section but I don't recall reading much in it. The only items I can clearly recall were Wells' collected short stories and his MODERN UTOPIA. [AH]

'51-'58 DW: I also remember Cissy (Smith) pushing hard for us to go and get or borrow John Wyndham's DAY OF THE TRIFFIDS. He read us extracts in the hope of whetting our appetites. I hadn't realising until then that he liked Science Fiction, but the book was (I think) in the Innie library. [DW].

'51-'58 AH: I read DAY OF THE TRIFFIDS ca 1952 just after it came out but got it from the Dovecot library. You are right about Cissie Smith and SF. When in L5B, Brian Stark recalls him reading aloud a tale of a giant cephalopod from Wells to frisson-making effect. I thus find it amazing that I have no recall of any personal involvement with Cissie when I should have recognised the mutual interest in SF. Given my, in general, good recall of things I am baffled by lack of recall of this class, home room and Master. I can recall all others and also the events of that year in detail. But only Brian's Report Book was able to convince me that we really were in Cissie's room and were taught by him in '53-'54. Perhaps I was obsessed with other things and daydreamed through his classes if he was tolerant. All I can remember is his back, a green tweed jacket with leather elbow patches. [AH]

I don't recall there being any Law books but there was plenty of Classical History. I enjoyed the more general works e.g. THE SCHOOLS OF HELLAS which I have since located again for myself, a fascinating read, and several works on Sparta and its culture. There was a huge range of Classic Latin authors with Latin & English on facing pages. I think they were behind the Librarian's Desk, possibly over a fireplace facing the door? I don't think they were the old Bohm Editions – possibly the red-backed Oxford Series from which we read Caesar in class? I recall some excellent detailed and illustrated histories of ANCIENT ROME. I had great pleasure reading PLINY'S LETTERS from that selection which left an interest in the construction of his out of town Villa and contemporary realistic and fantasy paintings of coastal holiday villas of his time. There was DAILY LIFE IN ANCIENT ROME and several volumes for periods of more recent history such as DAILY LIFE IN ELIZABETHAN TIMES etc but can't recall if they were in the School or Corporation libraries. I recall ARCHAEOLOGY FROM THE EARTH by Mortimer Wheeler then, of course, a popular TV figure whose reconstructions led me on to build a portable BALLISTA and then, via an excursion into ancient Greek Music aided by the Picton Collection, to building of a KITHARA. We even some of Dunn's books like A THEORY OF TIME involving dream prognostications which was a bit odd for a school library but much discussed in the 30s and embodied in at least one Priestly play [AH].

IT: I can only remember the Cambridge HISTORY OF ENGLAND vols. and the dog-eared National Geographics; looking for naked women before the page got ripped put! IT].

JBJ: I remember Voltaire's "Candide" with some of the pages showing more wear and tear. Bryan JBJ]

DW '51-'53: Re MATHS Gosh, it's difficult for me to remember - There weren't very many general reading maths books around in those days! Although I can think of some in school libraries, I find it difficult to remember which was in which school, bearing in mind I've taught in and visited schools other than the Innie. I certainly remember borrowing MATHEMATICIAN'S APOLOGY by G H Hardy from the Innie library – mainly because Fred Brierley used to plug that one a lot. There were also one or two of the Penguins (or Pelicans) - like HOW TO LIE WITH STATISTICS by Darryl Huff (Not a Penguin see my note below AH).

There was certainly at least one book on the History of Maths - I think the Innie library had one by a chap called Bell. (Most history of Maths books, in those days, were rubbish, whereas nowadays you've got one or two fine books like Carl Boyer's , which was first published in 1968. Even books by Lancelot Hogben were only just coming out about the time I left the Innie. They must have had books by W Rouse Ball – like MATHEMATICAL RECREATIONS AND ESSAYS, first published 1892 but still going strong, and I remember reading that when I was fairly young [AH me too]. DW]

[GL] Doug, I think that you were under the impression that MATHEMATICS FOR THE MILLION was at a later date than the time when you frequented the library. MATHEMATICS FOR THE MILLION was published in September 1936. It was announced as a popular self educator and was followed in 1938 by SCIENCE FOR THE CITIZEN in 1938 the second in the series of Primers for the Age of Plenty. It was the first book which I came across which tried to show how maths with all its exactitude tried to describe the in-exactitude of world in which we live. It also went on to show, as poetry does in the language, the beauty of its inherent artificial structures. Much of this passed me by in the rote learning that came my way but Maths for the Million started to open my eyes and such authors as W.W. Sawyer in MATHEMATICIANS DELIGHT (Pelican) enlarged my understanding [GL 36-41]. [George, don't forget No. 3 of the _Primers for the Age of Plenty_, Bodmer's [ed by Hogben] THE LOOM OF LANGUAGE 1944 on comparative linguistics and No. 4 the HISTORY OF THE HOMELAND by Hamilton, a social history. I am sure you read those excellent works after the Innie, AH].

DW '51-'58: IN INNIE LIBRARY: George, I now remember reading Lancelot Hogben's MATHEMATICS FOR THE MILLION {when} at school. I borrowed it from a library - I suppose it must have been the Innie library, but may have been the Picton. It's amazing it was published that early. Other general interest maths books around then were - MATHEMATICS, QUEEN AND SERVANT OF SCIENCE by E T Bell.

MORE EXTERNAL READING:

[DW] A much better book of Hogben is MATHEMATICS IN THE MAKING" – and that was definitely first published in 1960. I know that because I'm reading it from the inside cover of my personal copy at the moment. W. W. Sawyer wrote many Pelican books – PRELUDE TO MATHEMATICS, etc. And on the inside cover of my copy, it says first published in 1955. So his books were becoming available as I

was entering the sixth form at the Innie. I seem to recall Fred Brierley mentioning Sawyer's name, but I can't remember seeing any of his books in the library. published 1952, and I now do remember that in the Innie library. WHAT IS MATHEMATICS by Courant and Robbins, published 1941. This is a classic and was definitely not in the Innie library - I would have noticed if it was, I'm sure - but I've still got my personal copy which I bought in 1960.[DW]

I remember reading MATHEMATICS AND THE IMAGINATION by E Kasner and J Newman, published 1949 but I'm fairly sure it wasn't in the Innie library - it was rather large book. Also MATHEMATICS IN WESTERN CULTURE by M Kline, published in 1954. This is an excellent book and should have been in the Innie library, but I don't think it was. I mentioned HISTORY OF MATHS by D E Smith. This was published in 1958 but I seem to remember it in the Innie library - it must have been put there in my last year. It is nowhere near as good as Carl Boyer's book, but that wasn't published until 1968. During the 60s, many interesting general maths books were published like W. Reichmann's USE AND ABUSE OF STATISTICS, published in 1961. The TREASURY OF MATHEMATICS by H Midonick was published in 1965. This book considers mathematical developments in many cultures including Mayan and Chinese. More recently, there are very good books by Ian Stewart of Warwick University, and of course, not to forget, Paul Hoffman's ARCHIMEDE'S REVENGE. There's also Hawking and Isael's book 300 YEARS OF GRAVITATION, and Fauvel et al's book LET NEWTON BE (The et al here includes Robin Wilson, dear Harold's son!) But my favourite of the lot is one I've mentioned before - GODEL, ESCHER, BACH by D Hofstadter. I particularly treasure my copy of that because it was given to me from one of pupils, who went on to Cambridge in 1985 but on the inside cover, he wrote - To Doug, A friend and an inspiration. With Great appreciation. (signed). Doug DW '51-'58

[AH '51-'58: That's right Doug, Courant & Robbins was not in the library. I had a discussion with you at Christchurch on two successive evenings for some odd reason, about the nature of mathematical intuition, which I had entered in a commonplace notebook as 18th & 19th October 8.15pm 1960 [How peculiar, a Tuesday & a Wednesday; given we saw so little of each other, the weekdays suggests there must have been a function of some kind followed by a visit? It was about that time that Russell Williams was depressed and I might have brought him over to cheer him up after dinner at the Stowaway? He had some friends at the House]. You represented Courant's view as being that math was a mixture of logic and non-logic (intuition?) but seemed to put weight on the idea that emphasising its logical structure made it seem too easy or tautological. I was suggesting that logical neural networks could nonetheless be a basis for "intuition". We don't seem to have addressed Goedel. You waved Coulson & Robbins about a bit, as noted in the diary, and its content and layout impressed me. Its treatment of the future of topology in biology also led me to purchase it [i.e. put it on my Blackwell's account] the next day for 52/-, I recall that as feeling rather expensive]. Rather misleading prediction about topology I fear, but I got my money's worth over the years and still find it useful. [AH]

[Charles Savage, 57-64] There is some discussion above regarding WHAT IS MATHEMATICS by Courant and Robbins' and its availability in the school library. It was there, at least in 1964 as when I left the school I walked off with it (inadvertently I must say). I returned it in Jan 1965 when I came back from

University for Christmas. I can't remember if it was in the main Library or if I got it from Fred Brierly. I have a dim recollection that he was given a sum of money for general interest maths books that he kept in his room and loaned out at his discretion. As I remember it was a relatively new copy which had obviously not suffered the rigours of general circulation. Lancelot Hogben's book was in the general Library I remember there being more than one copy. [There is a new edition of Courant & Robbins by the way, published in 1995, revised by Ian Stewart OUP circ £12)]

I have to thank Fred Brierly getting me interested in mathematics, it has remained a lifelong interest, also Tud Jones for making English literature interesting, I still read poetry for enjoyment which I would not have done without his sympathetic introduction. I got to know him personally and we traded stamps for several years before I really started travelling the world. A really nice man, enthusiastic about his subject and eager to pass on his enjoyment to his pupils.

I was rough handled by the Jack Edwards once or twice, but I must say it was not unjustified and the treatment I got was fair. In some ways the system was much easier than it is now. You transgressed, you were punished and it was forgotten. It must have been a massive job controlling up to 1400 boys and as I remember the school ran smoothly with minimal support staff. I met him (I think it was in Formby) a couple of years after I left the school and found him both charming and interesting, he obviously had two sides to his character or had just mellowed in retirement and I was surprised that he remembered me, I suspect that it was because I went into mining which was a little unusual, though on reconsidering this Smith was in charge when I actually left the school, he was a nonentity when compared with Jack.

Charles Savage 57-64 [CS]

I just recalled that the library had an orange hardback copy of HOW TO LIE WITH STATISTICS. AH].

[DW '51-'58: Yes Stan, I do remember Sylvanus P. Thompson. Of course there's a plethora of books on 'silly' little (Math/physics) problems, but I don't remember any in the Innie library. You don't see Pelican books like Relativity for the Layman (by J Coleman) around these days. This sort of book was good for a general read to get some insight into advanced theories. He has odd comic bits in it like the limerick-

There once was a lady called Bright,
Who could travel faster than light;
She went out one day,
In a relative way,
And came back the previous night.

Doug. DW].

BM '50 --'5?: Doug, Austin, I remember that the school library had Bertrand Russell's "INTRODUCTION TO MATHEMATICAL PHILOSOPHY", which I read and attempted to understand for about two months!

I liked Hardy's book though Doug - as you say, vigorously promoted by Fred as reading prior to Oxbridge scholarship exams. BM]

DW '51-'58: Yes you're right Billy. You've jogged me into remembering that I read the first few pages of Russell's "INTRODUCTION TO MATHEMATICAL PHILOSOPHY" from an Innie library copy. One hell of a thing for a schoolboy to try to read - I wouldn't have it in a school library. I'm just looking at the contents of my personal copy now - chapter headings like: Incompatibility and the Theory of Deduction. Chapter 2 starts: The question "What is a number?" is one which has been often asked, but has only been correctly answered in our time. The answer was given by Frege in 1884, in his GRUNDLAGEN DER ARITHMETIK. Russell then spends nine pages explaining it. Fine, but I personally think it's enough to put any sixth former off maths - in spite of Fred Brierley's enthusiasm for it. With all due respect to Fred, I really wonder whether he understood it! I know he didn't like it when so called 'modern maths' came into syllabuses. He became very keen to depart the classroom scene at that juncture, and go for his headmastership.

But yes, books like Hardy's were very useful to read prior to Oxbridge interviews. They always asked the standard question - What's the last book you've read? Well I went in the room armed with a copy of Hardy's book (it was quite small) in my pocket - when asked that question, I produced the book, Innie library copy, (even though it wasn't the last one I'd read). They then went on to ask me the origin of the Liver Birds - I'm not sure, to this day, what's that got to do with maths, but I suppose it was a general all round interview. Then they started to ask me about music – first question thrown at me was: Who is the conductor of the Liverpool Phil (fortunately I knew, John Pritchard, before he was Sir)! The other non-maths asked of me were about travel and they asked me to comment on prefectorial systems in schools. Gosh, I can still remember it all - it was so traumatic at the time! Doug DW]

[AH: I don't see any harm in having a few books around that can hint at the ineffable Doug. Good people are often stirred by things they don't understand at all. Rather like having, today, Gregory Chaitin's EXPLORING RANDOMNESS about the 'Halting Problem' revealing randomness at the foundations of Mathematics and allegedly obviating the possibility of ultimate rational proof.]

KA '51-'58: I thought it was bad in 1956, but it gets worse. Despite the fact we were not really bookworms, we had our class divided in two for entire afternoons, one group to work in the lab, the other to "study in the library". Didn't take long to explore the back issues of "Punch" in BSc, so after a few weeks, and in all of ASc, we either ducked down the road to Cornwallis Street's salty bayos, or scooted down to Lime Street to the afternoon flicks. [AH well I didn't! Nor do I recall Punch though obviously it was there].

Two things not in the library anywhere:

- a) Mo Sholl showing me his standard reference, "THE IDEAS BEHIND THE CHESS OPENINGS" by Reuben Fine. Was so impressed, I asked for it for Chrissy.
- b) Wilf Hailwood discovering books by Ian Fleming about some spy called James Bond!

Austin mentions the displays on Central Station - must confess to succumbing to kleptomania [Kleptomania!?! Theft? Ed] to augment my supplementary reading, until one afternoon I was caught "in flagrante delicto", and told never to return !!
TTFN.KA

AH '51-'58: I visited the Chess Club a couple times in L5B but soon recognised it was not for me even if intriguing (my Chess Challenger in the late 1970s provided much more entertainment though never stretched to its limits by me. I certainly recall beating it at Level 1 a couple of times. At Level 8 it was giving a former NSW Junior Chess Champion, and then FRS, a run for his money in our living room. But the game was never resolved as another member of the dinner party, the then future Australia Prize & Marconi Prize Winner, also an FRS, deliberately crashed the game by pressing a reset button in order to get the Chess Champion back into the conversation). I still have the Chess books recommended at the Club and they were: THE GAME OF CHESS by Harry Golombek (Penguin) and THE CHESS MIND by Gerald Abrahams EUP and later Penguin.

I also recall a craze for 'SAINT' paperback books in the 3rd I think. [NB 2006: Just read a note in the newspaper saying he never had his photo on the back 'because' he was half Chinese – Leslie Charteris Bowyer Yin]. Austin

[AH: HOBBY BOOKS] During a discussion of hobbies and sources of materials I posted on my sources of reading in the 6th form for hobby books in the mid to late 50s. Any additions to such material as well as reflections on your comics, boys papers etc would be welcome.

[AH] As I recall, Rushworth and Draper had a shop next to Bunneys that was on the corner. Opposite was Phillip Son & Nephew and on the other side of a narrow alleyway was a Record & Electronics shop owned by the ill-fated Beatles Manager Brian Epstein which dealt in new radio parts. They had all their windows down the side street lined with parts mounted on peg boards. Expensive and predictable but they also sold thin aluminium sheet for making chassis, bakelite and the like. Phillip Son & Nephew on their top floor had a room with a table on which were laid out at circa 1/6d. I still have several. Barnard's RADIO ENGINEERS MANUAL (1/6) wire sizes, resistor and capacitor codes, inductance equations etc. F J Camm on building Radio Receivers. Books with varied circuits you could make with neons and suchlike. Douglas on CONSTRUCTING ELECTRONIC ORGANS and Somerhof's excellent RADIO CONTROLLED MODEL AEROPLANES which I used as a basis for designing brains for Machina Speculatrix, the robot from Gray Walter's LIVING BRAIN. Slightly up the road from Phillip Son & Nephew was a model shop with its entrance across the corner of a side street [and red? woodwork; Turned out to be PRECISION ENGINEERING] that sold copper tubing and rod, plastic strips, things that could be worked with a Junero Tool. Finally on the same side as Rushworths, but way up the road, was the large store with double windows, full of chassis, R1155s (which I could not save up enough for), motors etc etc. This was Mr Benson's new place –SUPER RADIO. It always looked chaotic. He seemed to mainly specialise in taking things apart. It was the standard source for SP61s and EF37As. Prior to that, when I first knew him ca 1952 he had a huge old Victorian House on the bus route between Prescot Rd and Smithdown Rd. I bought masses of old PO 2000 relay parts from him and assembled some with huge arrays of changeovers driven by coils with resistances up to 10,000 ohms. I also got rotary telephone selector switches from him. His parts were geared to pocket money! The yard was piled high with half stripped chassis that you could buy for from 6d up. He sold me my first Triode with a CRUCIFORM SOCKET! The source of really good ex Gov stuff was the shop nearly

opposite Parry's bookshop which Ken knows well. They had the bomb aiming computers, the astro-compasses and beautiful electric motors from dismantled aircraft. But it was pricey for pocket money and out of range except just after Christmas when other things clamoured for attention too.

I used to buy the odd Wireless World, mainly to look at the wonderful adverts at the rear. I recall some years after school seeing the original Ferranti Mercury Computer on 19 GPO racks for sale for about £5000. If I had the money I think I would have bought it! But that was more than the cost of our first house in Scotland.

The Newington Bookshop had a continual supply of old "Electronic Engineer" in the red cover which had some fascinating stuff on logic circuits and sub-computer circuitry. They also locked me into 1912 electrics by selling old handbooks on Wireless Telegraphy for about 6d with lovely wooden boxed portable spark transmitters sets you could build yourself or books on building huge induction coils for running your own X-Ray Machine (thank goodness I was happy to only read on that). "Practical Wireless" and "Practical Electronics" were more to my taste and brought me eventually to transistors, the OC71 and the dearer OCP 71 phototransistor that you could get by scraping hole in the paint of an OC71! They even published a radio telescope design that tempted me but . . .

Austin

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22-06-11 Rev. 11

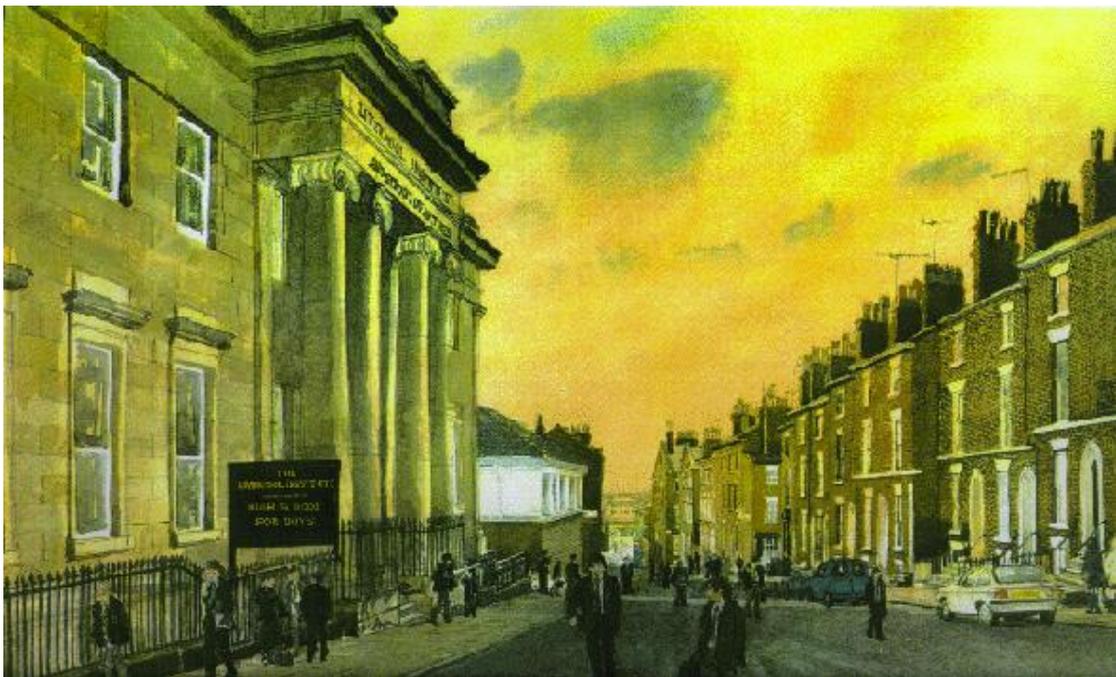


TIME TO GO

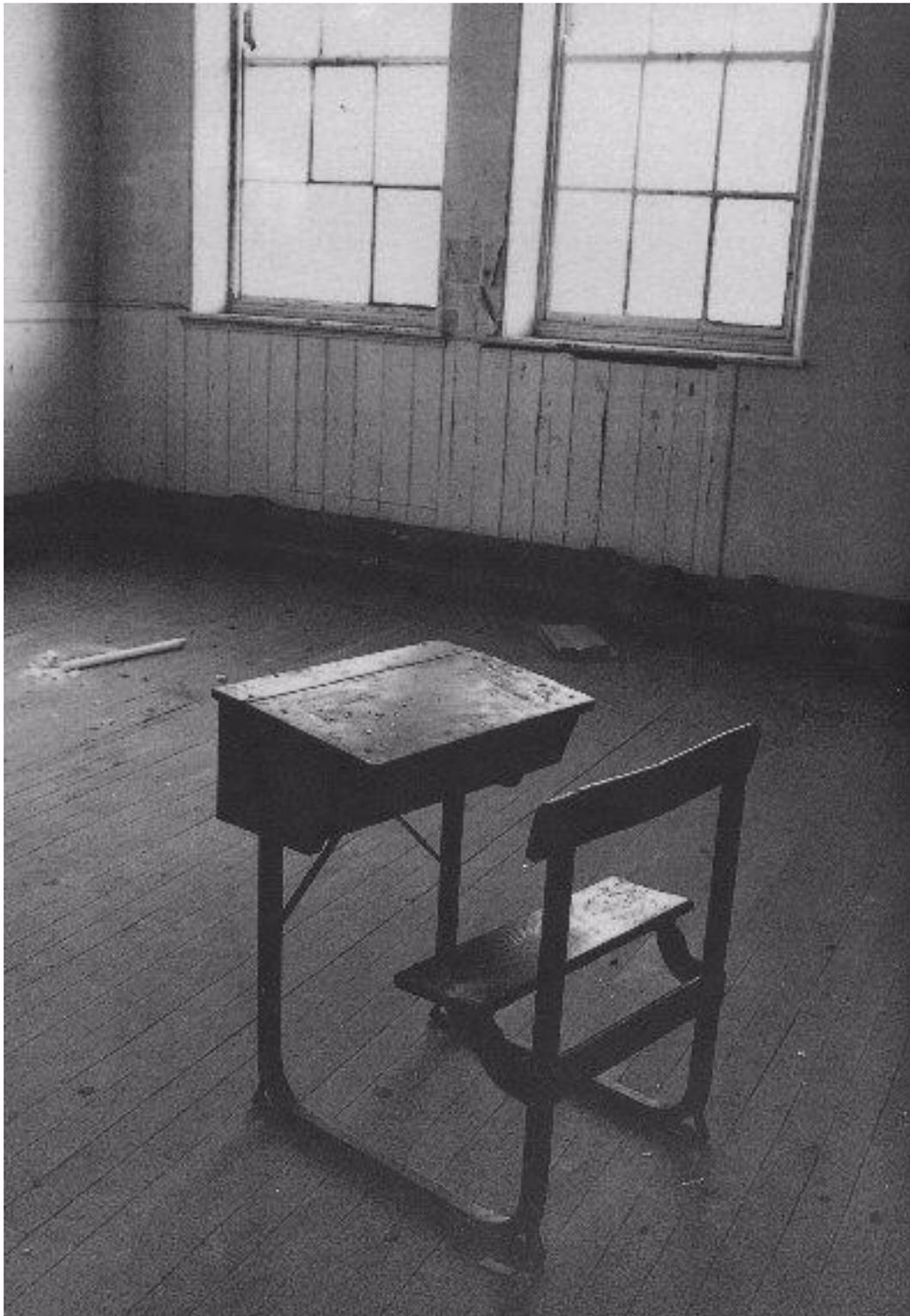




PRIVILEGED TO LEAVE BY THE MAIN ENTRANCE



AND MEANDER DOWN THE HILL



WITH THE SAD END IN MIND