

HAVE MYNDE

THE QUEEN'S SCHOOL MAGAZINE

We are sorry that 'Have Mynde' is published four months after it was promised and in appearance and accuracy falls below its usual standard.

In order to have more illustrations without increasing the price it was suggested that we should try the modern photolithographic process. As an experiment we asked a local firm specialising in this process to print it for us, but the result has been most unsatisfactory.

We shall make other arrangements for next year.

S. R. POPE, Editor.



'The Crusader'

THE QUEEN'S SCHOOL, CHESTER

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Mlle. A. Gonzales, Modern Language Assistant.

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The Preparatory Department

Miss J. Davies, Edge Hill College, Head of Department.
Miss O. A. Smith, N.F.F.
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Changes of Staff

Left in July, 1969:	Joined the staff in September, 1969:
Miss Johnston.	Miss H. Wright.
Visiting Staff:	
Miss Keay	Mrs. Parker.
Mrs. Seaman.	Mrs. Otten.
Miss Harris.	

Those in Authority, 1969-70

Head Girl: Pauline Beacham
Deputies: Barbara Adams, Jane Alford
The Queen's School: Mary Holliday

Games Captains:

Hockey: Anne Northway	Vice-Captain: Elizabeth Wollan
Lacrosse: Catherine Gray	Vice-Captain: Claire Bottomley

House Captains:

Hastings: Anne Northway	Thompson: Claire Bottomley
Sandford: Catherine Gray	Westminster: Sarah Whitcombe

Librarians:

Miss Pope, Philippa Donald

Sixth Form Society:

Josephine Eglin, Margaret Ellis, Sarah Whitcombe

Charities Committee and Voluntary Service Group:

Caroline Ackroyd
Margaret Armstrong
Elizabeth Roberts

"Have Mynde" Editors:

Miss Pope, Wendy Lawton, Elizabeth Valentine

"Have Mynde" Finance and Advertising:

Miss Osborn, Elaine Tyson, Rosalind Phillips

THE PHYLLIS BROWN MEMORIAL FUND

In last year's "Have Mynde" we published a letter from Miss Phillips announcing the Governors' proposal to raise a fund for the foundation of the Phyllis Brown Memorial travelling bursary, to be awarded annually to a Queen's School girl whose further work necessitates a study-tour at home or overseas.

By the generosity of many friends the sum of £927 has so far been raised; a most encouraging beginning to the £2,000 needed to establish the bursary.

Miss Phillips writes that perhaps some have not yet contributed to the bursary, while others may like to make a further contribution to this scheme, which will both honour the memory of our school's greatest benefactor and be an enduring source of benefit to present and future generations of girls.

Cheques should be made payable to the Phyllis Brown Memorial and addressed to the honorary treasurer, A. T. Guy Esq., 5, Hough Green, Chester.

FORWARD

The publication, in March, of the second part of the report of the Public Schools Commission has given wide publicity to the direct grant schools: too much, in the opinion of those who think that our best hope of survival is in sitting small until the storm has passed us by; not enough, say those champions who believe that the real achievements, especially of the girls' day schools, in giving women an equal opportunity with men to excel in academic and professional roles, is too little generally known.

Readers of 'Have Mynde' during the years since direct grant status was conferred on the school, will be in no doubt of the effectiveness of the education provided here, whether measured in terms of academic success or the development of an individual potential for service to the community. Nevertheless this is only one period, and that not the longest, in the whole span of the school's life. As our chairman, in her comment to the local press pointed out, the school was originally founded as an independent Church of England School for girls.

I was recently reminded of that much earlier and perhaps the most intellectually stimulating period of growth when Margaret Elizabeth Sandford was in charge. The publishers of a series of books on the poet Coleridge, the Lime Tree Press, have shown considerable interest in Mrs. Sandford's biography, 'Thomas Poole and his Friends'. It was intriguing to discover, from the back number of 'Have Mynde' which she founded and first edited, that she was herself a Poole and seems to have been brought up in the very region where lived Thomas Poole, who lent his house at Nether Stowey to his friend S.T. Coleridge, who in turn entertained William and Dorothy Wordsworth there. I hope that the Lime Tree Press will decide to re-publish her book.

E. N. MacLean.

CONGRATULATIONS TO

Stella Preston on inventing and, helped by Kirsteen Hollway and Mr. Hands, making a spherical solenoid.

Mary Rose Etherington on winning an E.S.U. scholarship to the United States.

The five members of the sixth form who have gained places at Oxford. They are:

Philippa Donald, St. Anne's College, English.

Margaret Ellis, St. Hilda's College, Biochemistry.

Mary Holliday, Lady Margaret Hall, Modern Languages.

Wendy Lawton, Lady Margaret Hall, Theology.

Elizabeth Wollan, St. Anne's College, Biochemistry.

Lesley Dodd, Janet McLaren, and Jacqueline Poole, members of last year's upper sixth who have gained the Gold Award in the Duke of Edinburgh's scheme. With Miss Hargreaves they will attend Buckingham Palace on May 18th to receive their awards.

Anne Thompson, whose poem 'Symphonie Fantastique' has been published in 'Apprentice', a new poetry magazine produced by members of Oxford and Cambridge universities.

CALENDAR

EASTER 1969 — EASTER 1970

April	24	The beginning of the summer term.
	26	Many members of the school took part in a sponsored walk in aid of Shelter.
May	10	An art exhibition was held at school. Exhibits were sold in aid of the swimming pool fund.
	16	The senior and motet choirs sang at the Ruthin Festival.
	21	Commemoration Day. The Reverend G. Barlow preached at the service in the Cathedral.
	23-29	Half-Term.
	30	Members of the Gateway Theatre Company gave a performance of "Green Julia" in the school hall.
June	7	The Archaeological Society visited Ribchester with Miss Wright and Miss Pope.
	12	Removes entertained their parents to tea.
	18	A party from the lower fourth forms went with Miss Callaway to the Odeon to see the film "Romeo and Juliet".
	20	The Swimming Pool was officially opened by Mr. Bland at a ceremony held at Nedham House in the evening.
	21	The Swimming Pool was open for inspection by members and friends of the school. The first tennis team playing at Bradford came joint second in the final of the Aberdare Cup for the North.
	26	Miss Phillips joined us at morning assembly to tell us about Mrs. Phyllis Brown and to open the fund to commemorate her work for the school.

	27	A two piano recital was given in the school hall by Miss Bell and Miss Johnston in aid of National Spastics Week. The lower fourths visited Chirk Castle with Miss Tolliday, Miss Wright and Mrs. Brian.
	28	Members of upper sixth and fifth visited Ludlow Castle with Miss Callaway and Miss Monck-Mason to see a performance of "Romeo and Juliet".
July	1	Mr. Green gave a talk for the upper sixth on Cambodia.
	3	Mrs. Berry the city archivist, gave a talk to the upper sixth.
	4	A party of upper fifths went with Miss Callaway and Miss Monck-Mason to see Zefferelli's film of "Romeo and Juliet" in Birkenhead.
	8	The Junior Music Concert was held in the afternoon.
	10	The Brown Memorial rose garden at Nedham House was dedicated by the Rev. Winston Hurlow. A party of sixth formers visited the Lady Lever Art Gallery with Miss Jones.
	12	The Annual General Meeting of The Queen's School Association was held at Nedham House.
	14-16	Two performances of K. Capek's "Insect Play" were given by upper fifths and produced by Miss Callaway.
	15	The Senior Music Concert was held in the evening.
	17	The end of the summer term.
September	11	The beginning of the autumn term.
	18	Arthur Negus visited the school in the evening; this was in aid of the Q.S.S.P.F.
	19	Concert at The King's School.
	27	Members of the sixth forms attended a history conference, which was held at the City High School.
October	3	A conference was organised for sixth forms by the Liverpool Branch of the Classical Association. It was held at Birkenhead High School, and members of the lower and upper sixth attended with Miss Pope and Miss Wright.
	4	A party of lower fifths went with Miss Callaway and Miss Monck-Mason to see the film of Sefferelli's 'Romeo and Juliet' in Wrexham.
	18	The Autumn Market was held at the Senior School, and the sum of £1,572 was raised.
	23	Mr. Prins visited the school, and gave a lecture, illustrated with slides, on "Children in Art".
	24-30	Half - Term.
	31	Members of the Gateway Theatre Company visited the school to demonstrate acting techniques to the drama groups.
November	1	A party of removes with Mrs. Brian and Miss Monck-Mason went on a nature trail in Delamere Forest.

- 3 A party from the upper fourth forms went with Miss Brown to the Classic Cinema to see the film "A Man for all Seasons".
- 6 A mixed hockey match was held in which a team from The King's and Queen's schools challenged a team from the Grammar and City High Schools. The King's and Queen's were victorious and the score was 1:0.
- 8 North West Schools' Lacrosse Tournament. The first XI reached the semi-finals, in which they were defeated by Wirral Grammar School.
- 12-13 Miss Monck-Mason organised an exhibition of one thousand paper-backed books.
- 14 Members of the lower and upper sixth attended a conference about China, at the City High School.
- 17 A Careers Convention was held at The Queen's School.
- 20 The Queen's School challenged the Apollo astronauts and nearly succeeded in reaching the moon first! 2,676 pennies were collected and the race was won by remove H, who collected 429. Proceeds were in aid of Shelter.
- 21 A recital was held in the school hall in aid of the Phyllis Brown Memorial Fund. The performers were Mr. Hywel Edwards, flute, Mrs. Lynda Lyall, piano, and Mrs. Edna Broadbent, soprano.
- 29 The sixth form committee organised a dance at the Conservative headquarters to raise money for Shelter.
- December 5 The parents organised a Christmas supper party in the school hall. This year the proceeds went to The Phyllis Brown Memorial Fund.
- 9 The upper fourth and lower fifth forms gave Christmas parties for the children from Dr. Barnardo's home and in the care of the local authority.
- 11 Final of the Chester section of the Public Speaking Competition organised by the English Speaking Union. The Queen's School team won and so qualified to take part in the regional contest.
- 12 The lower fourth forms held a Christmas party for the removes.
The senior and motet choirs sang at a recital at St. John's Church.
- 15 The Prize-giving was held in the school hall. The speaker was Dr. Adams formerly of The Liverpool School of Tropical Medicine.
- 16 The school carol service was held in the hall.
- 17 The joint King's and Queen's Schools' carol service was held in the Cathedral.
The motet choir sang carols in the wards of Chester Royal Infirmary.
The end of the Autumn Term.

January	8	The beginning of the spring term.
	13	The swimming pool appeal committee was disbanded, at an informal party given by the Governors, Nedham House, having reached its target of £20,000.
	24	Members of the upper sixth taking German A level attended a German Day at Wirral Grammar School.
	29	A sixth form party saw the film of 'Hamlet'.
February	3	Cynthia Wilkinson gave a lunch-time piano recital in the Town Hall.
	4	Three American students were entertained at school.
	6	Miss Tolliday and some of the third year sixth took a party of removes to see 'A Midsummer Night's Dream' at the Classic Cinema.
	12-13-14	The King's School gave a production of 'Hamlet' in their school hall. The Queen was played by Denise Cooke and Ophelia by Nicola Owen.
	16-17	Half-Term.
	21	Miss Monck-Mason and Miss Callaway took a party of upper and lower fourths to see the Gateway Theatre production of "The Merchant of Venice".
	25	Members of the sixth form attended a geography conference, which was held at the C. F. Mott College of Education, Prescott. The subject discussed was race and its problems in Indonesia and the Caribbean. Miss Hinde took a party of lower sixths to Wallasey to see a performance of "The Fire Raisers" in German.
	26	Sixth-form art students' conference, which was held at Chester College of Education. Members of all the Chester Grammar School sixth forms attended the C.E.M. Conference at the City High School. The subject was "Is Morality Relative?"
March	2	The King's School hockey club invited The Queen's School 1st XI to a hockey dinner at the Queen Hotel.
	5	The removes entertained their parents to tea.
	6	Miss Callaway took a party of lower fifths to the Gateway Theatre to see a performance of 'The Importance of Being Earnest'.
	7	Miss Callaway and Miss Monck-Mason took a party of sixth formers to Liverpool Playhouse to see a performance of "Coriolanus".
	17	Miss Bell, Patricia Kasler and Claire Bottomley gave a lunch-hour recital in the Town Hall.
	18	Miss MacLean launched a shoe-cleaning campaign in school for Christian Aid.
	20	The Staff challenged the 1st XI to a hockey match. The 1st XI won 2-0. The senior house lacrosse matches were held in the afternoon. Sandford house won.
	21	The 1st XI were runners-up in the schools' tournament, which was held at the Oval, Port Sunlight. The tournament was won by Lymm

Grammar School.

The Queen's School team came fourth in the north-west regional finals of the E.S.U. public speaking competition, held at Liverpool College of Technology. Our team was Elizabeth Roberts (speaker), Jane Alford (chairman), and Mary Rose Etherington (vote of thanks).

- 23 Senior house lacrosse matches.
- 24 Junior house hockey matches.
- 25 The end of the spring term.

NEDHAM HOUSE NEWS

On a sunny summer evening, mothers, fathers and children, governors, old girls and friends of many generations gathered in the assembly hall and admired the beautiful new coral-coloured curtains, the generous gift of Mrs. Brown and her daughter Marian. Three hundred and thirty-people had contributed from 21 pence to 21 pounds on our 21st birthday, to our Brown Memorial Fund, and as many as could manage it came to join Mr. Hurlow, from St. Mary's Church, Handbridge, as he led us out of the french windows, round the top of the field and into the rose garden.

The noise of chattering stopped, and Mr. Hurlow said a prayer of thanks-giving and a blessing, and we welcomed the chance to 'have mynde' of all the blessings which we have received from the Brown family. Present with us on this occasion were Mrs. Dorothy Brown and 'Granny' Brown's grand-daughters Marian and Phyllis. We were very glad that Miss Nedham was able to come too.

We all like the rose garden very much. In and out of the paths is a lovely place to run and play, jumping round in circles, hopping across the cobbles, and we take our books and sewing to the big memorial seats.

We enjoy too, running around the new paving and posts by the pool. When the plan made by Mr. Morris has been completely carried out the whole landscape will be very attractive. We are grateful to him, to fathers and friends who have given equipment and advice and done running repairs, and to mothers who have cared for the drinks machine so faithfully and helped with supervision duties. The pool creates an enormous amount of hard labour, but it is of course a great pleasure to be able to swim all the year round.

During the year there was, as usual, some coming and going. Miss Wright is now taking care of our music which we so much enjoyed with Miss Johnston, Mrs. Barker has taken over Miss Keay's French, Mrs. Hay left at Christmas and her good work in the library is being continued by Mrs. Morton, who has also adopted Form 1. The third form leavers made a generous collection and gave us a joint present of 'spending money' with which we are having a small 'continental' shop made for practising with decimal currency.

The old leaky gutters round the roofs of 55 and 57 have been replaced. We felt the weight of the ancient iron ones and compared them with the modern aluminium. Inside 55 is a new pump to keep the cellar dry and a gas heater for the library. The Luethi-Peterson Camp used the house in the summer: we were grateful to the volunteers who did internal decorating in preparation for their arrival.

What a year it was! Bees swarmed in the pear tree, a huge branch was blown down from one of the elms, and we had to chop, and saw, and drag away the debris. The old pump broke down in Number 55, and firemen had to come and pump 3,000 gallons of flood from the cellar. The boilers broke down, one after the other, taking turns. An under-floor water pipe leaked through the kitchen ceiling: mistresses were absent, cleaners in short supply, an electric power cable failed, gadgets went wrong, and gas and chlorine leaked (fortunately not seriously). The worst disaster was that our good Mr. Boddy left us at the end of July, leaving us with nobody to care for us, until Mr. Monkman came in February. He has a little dog, two cats and a pet polecat.

THE FOLLOWING GIFTS ARE GRATEFULLY ACKNOWLEDGED:

GIFTS TO THE MAIN SCHOOL

Statue of a crusader for the garden Mrs. Bowen, Mrs. Flindt
 A cheque for use by drama groups: Miss Keay.
 A cheque for use in the music department: Mrs. Barwick.
 A record player for use in the coffee room: Carole Hazelton, Elizabeth Macdonald, Ann Phillips, Phyllis Preston and Pauline Tonkin.
 Recordings of Laurence Olivier in 'Hamlet' and Ralph Richardson reading Keats: Linda Weyer.
 Two framed Michelangelo reproductions: Ann Davies.
 An easel for the art room: Margaret Jones.
 Slides for use in the geography department: Janet Williams.
 A vivarium for use in the biology laboratory: Mrs. Brown (Anita's mother).
 A casserole dish for the home economics room: Jacqueline Poole.
 A copy of the Jerusalem Bible for use in assembly: Judith Kermode.
 Peacock feather decoration: Mrs. Roberts.
 Donations to the Gift Fund: Mrs. Bowen, Mrs. Flindt, Alison Jones, Mrs. Rowley.

Donations to the Phyllis Brown Memorial Fund: Kathleen Deans, Sheila Hunter.

Cheques for various departments: Vicki Arden (mathematics and physics), Mrs. Bowen (art), Jane Hughes (music and drama), Alison Jones (music), Elizabeth Landers (home economics), Lesley Macnab (English), Vanessa Stevens (art), Jean Watson (English and music).

Books and cheques for the library:

Jennifer Barritt, Veronica Beazley, Ann Brotherhood, Mrs. Davies (Carol's mother), Lesley Dodd, Jennifer Ellam, Christine English, Susan Gray, Mary Holliday, Alison Jones, Mrs. Ker, Janet McLaren, Mrs. Monck-Mason, Georgina Southwell, Mrs. Synge, Mary Thomas, Anne Thompson, Pauline Thorpe, Elizabeth Valentine, Julie Watson.

We are very grateful to all schools which have sent us copies of their magazines.

GIFTS TO NEDHAM HOUSE

Curtains for the Assembly Hall	Mrs. Brown and Marian Brown.
A garden token	Miss Edwards
Library books	Miss Edwards and Ann Brotherhood
Equipment for Swimming Pool	Mr. Bullock and Mr. Windsor
Spending money	Alison Bailey, Clare Birchall, Ann Brannon, Philippa Bristow, Jane Buckton, Jane Bullock, Belinda Caddock, Karen Camp,

Barbara Davies, Susan Elliott,
Mary Evans, Jane Gilbey,
Victoria Hall, Fiona Hassall,
Frances Haylock, Linda Jones,
Ruth Lowe, Frances Lumb,
Elizabeth Lunn, Sarah Lynas,
Rosemary Morris, Marianne Phillips,
Sarah Platt, Janet Rait,
Alison Ross, Ann Rundell,
Luan Russi, Nicola Sibley
Diana Silvester, Sara Smith
Hilary Whitley, Claudia Weaving.

GIFTS TO THE PREPARATORY DEPARTMENT:

A desk and chair:

Elizabeth Thomas

A record

Tracey Derbyshire

Proceeds from the sale of guinea pigs: Mrs. Attwood and Shirley Attwood.

A cheque from members of form preparatory:

Kate Bates, Janet Bernie, Louise Bolton, Claire Chin, Tracey Derbyshire,
Katharine Frood, Elizabeth Garson, Anne Horton, Anne Longden, Karin
Pottinger, Rachelle Salt, Richard Simpson, Katie Strawson, Catrin Thomas.

THE SWIMMING POOL FUND

So many people have now actually swum in the swimming pool, that it seems amazing to record, that at this time last year the pool was unfinished, the fund only £18,360, and we were wondering how we would ever make the last £1,700. Slowly the total rose; coffee mornings run by Mrs. Rait and Mrs. Phillips, Mrs. Kermode and Mrs. Chin brought in nearly £70. Then, an idea of Mrs. Glascodine was thought to be a possible fund-raiser — the girls, parents and Old Girls were asked for donations of their artistic work, and with a great deal of support from the school, an Art Exhibition on May 10th brought in £92. Our prayers were answered and a wet morning made sure that the coffee makers were kept busy, and a large appreciative queue of prospective buyers had, at last, to be urged to leave at lunch time.

In June, the third summer lunch was organised at Tarporley by Mrs. Northway and her Cordon Bleu helpers, who added their £45 profit to the total. And at the beginning of the Autumn term a visit from Arthur Negus provided a fascinating evening. With the valued help of Mr. Preston, there was a varied display of antiques for the comments of our visiting expert, who was very pleased indeed. The evening made £79 for the Swimming Pool Fund and left us with a gap of £1,350.

By this time the pool was in use. The official opening on June 20th had been a most pleasant occasion, everyone had been thanked for their work; the school and the governors were charming hosts and the weather, if rather blustery, was not so inclement that the excellent siting of the pool and the landscaping of the surrounding gardens could not be admired to the full. Everyone was in complete agreement with Mr. Bland, engineer of the Liverpool Corporation Baths Department when he said that, having seen the Olympic Pool at Edinburgh the week before, he was sure that, pound for pound, we had achieved more than our money's worth in The Queen's School Swimming Pool.

But there was still the question of the £1,300 target. Could we make this at the Autumn Fair on October 18th? We knew that there was a great deal of work in progress among girls and parents, and had been since Easter, but there is always an element of doubt, and this was to be our Third Autumn Fair. After two successful events at Nedham House, it was decided not to tempt fate again by asking for fine weather for another year, and the senior school was to be the scene of our last effort for The Swimming Pool Fund. And a mammoth

effort it turned out to be. A police escort took our Treasurer, Mrs. Armstrong, and her husband, tired but triumphant, to the bank, late in the evening with £1,572. We had over-shot our target; the swimming pool was not only open, in use and being enjoyed, it was paid for!

The number of girls in the school who could not swim, once over a hundred, is diminishing rapidly; families enjoy a swim in the holidays and after school. Some parents undertake the duties of bath attendants, some just enjoy relaxing moments of remembering the pleasure of working together for a worthwhile project. And if now, there is sometimes a gap in our lives, it can always be filled by a swim! And, needless to say, we do not nowadays patronise our former baths run by local authorities, good as they were; we swim with great enjoyment and pride in THE QUEEN'S SCHOOL SWIMMING POOL.

F. Tubbs.

MUSIC REPORT 1969 - 70

The school has had another interesting year musically. In May, the motet and senior choirs were again invited to sing at St. Peter's Church, Ruthin. The soloists in Pergolesi's 'Stabat Mater' were Elizabeth David and Roy Goodman. We also sang Britten's 'Missa Brevis', accompanied by Peter Cooke on the organ.

At the end of June, Miss Bell and Miss Johnston gave a two-piano recital in support of National Spastics Week. As we knew that it was the last school concert at which Miss Johnston would play before leaving us to get married, the occasion was a little sad. However, everyone enjoyed the music. The programme was very varied, ranging from the dignity of Handel's 'Arrival of the Queen of Sheba' to the lively wit of two movements from Walton's 'Facade Suite'. The audience also appreciated the programme notes written by the two performers.

Two school concerts brought the summer term to a close. The first given by the Removes and fourth forms, included items by the junior choir and training orchestra, various instrumental solos and ensembles, and the story of Ping, created and performed by Miss Bell and a group of Removes.

The orchestra, reinforced by Mr. Evans and Mrs. Wright, opened the senior concert with Wagner's 'March of the Mastersingers'. Then followed several instrumental and vocal items, and Maura Dand conducted her own two-part setting of Psalm 93. The choir sang three Hungarian Folk Songs by Matyas Seiber. Mr. Edwards' wind ensemble delighted us with Tchaikovsky's 'Dance of the Flutes', but the highlight of the evening was surely the performance of Haydn's 'Toy Symphony' in which the 'guest artists' turned out to be certain members of the staff, accompanied by the school orchestra.

At the end of term Miss Johnston left with all our good wishes and in the autumn we were pleased to welcome Miss H. Wright to the music department.

During the summer holiday, several members of the motet choir spent three weeks in Germany on an international music course with an emphasis on the choral works of Schutz.

In the autumn term, Mr. Edwards (flute), Mrs. Broadbent (soprano) and Mrs. Lyall (piano), gave a very enjoyable concert in aid of the Phyllis Brown Memorial Fund. This included one of Mr. Edwards' own compositions.

In December, the senior choir and The King's and Queen's School motet choirs took part in a recital in St. John's Church. Soloists in Schutz's 'Christmas Story' included Elizabeth David and Peter Cooke. The harpsichord continuo was played by Miss Wright on an instrument made by Mr. Hands. The

solos in Britten's 'Ceremony of Carols' were sung by Patricia Kasler, Joanna Collicutt, Veronica Solloway and Sharon Whyatt and the work was accompanied by the Halle harpist, Morfen Edwards, whose performance of the harp interlude was greatly appreciated.

As usual, we had our own Christmas Carol Service in the school hall and, on the last day of term, the joint carol service with The King's School in the Cathedral. The motet choir then went carol singing in the Infirmary and ended a very busy day very happily at a party given by Miss Bell.

Since the beginning of the spring term, Mr. Lysons (from the King's School) has been arranging weekly lunch-hour recitals in the Town Hall. This series has included a piano recital by Cynthia Wilkinson and a recital by Claire Bottomley (clarinet) and Patricia Kasler (soprano), accompanied by Miss Bell.

The orchestra is extremely grateful to Mrs. Evans for all her help during the past year, and will soon be heard playing in assembly again.

Future plans for the senior and motet choirs include singing in the Chester Music Festival. However, the biggest event of the summer term will be the performance of 'Noye's Fludde' in July, in which the junior choir and many other members of The King's and Queen's Schools will take part.

We should like to thank Miss Bell, Miss Wright, and all other members of the music staff for the time and energy they have devoted to helping us to enjoy making music.

Susan Kendall.
Upper Sixth.

PRIZE GIVING

by

A.R.D. Adams, M.D., F.R.C.P.

15th December, 1969

We were very pleased that Dr. Adams, formerly of the Liverpool School of Tropical Medicine, came to present the prizes for 1969, as he is a friend and former colleague of Miss Phillips; we felt his presence was especially appropriate since five girls within the past two years have entered medical schools. His talk, while being refreshing and humorous, made us think seriously. He said how important it was in this time of student unrest and violence that the school should produce girls who continued to have a sense of responsibility towards the community, and he stressed that every girl should determine to develop her talents, however slight, to the full. He concluded by emphasising the need for discrimination in rejecting the second best in all things.

PRIZE WINNERS 1969-69

UPPER SIXTH FORM	Elizabeth Valentine
LOWER FIFTH FORM	Penelope Burrell, Hilda Hagan, Anne Palin, Nicola Palin, Julie Wilson.
UPPER FIFTH FORM	Linda Atkinson, Pamela Boyce, Alison Bristow, Rosemary Ince, Margaret Trella, Nicola Weston.
LOWER SIXTH FORM	Philippa Donald, Josephine Eglin, Margaret Ellis, Patricia Thompson, Sarah Whitcombe, Elizabeth Wollan.

SUBJECT PRIZES

Scripture	Jacqueline Poole
English	Lesley Macnab
Literature and Drama	Janet Rowlands
History	Pauline Thorpe, Elizabeth Valentine
Classics	Anne Thompson
French	Mary Holliday
Modern Languages	Rachel Nussey
Mathematics	Janet McLaren, Eleanor Seed
Mathematics and Physics	Vicki Arden
Physics	Diane Lang
Biology	Stella Airey, Rosemary Owston
Home Economics	Jacqueline Yelland
Needlework	Patricia Jones
Music	Maura Dand, Alison Jones
Art	Ann Davies, Jane Downer
Games	Susan Gray
Gymnastics	Laura Green

SERVICE PRIZES

Head Girls Prize	Christine English
	Delia Barker
	Valerie Hewitt
	Judith Kermod

GAMES CUPS

Senior Hockey	Sandford House
Senior Lacrosse	Sandford House
Senior Tennis	Sandford House
Senior Tennis Singles	Juliet Wheeler

DUKE OF EDINBURGH AWARD SCHEME

Gold Award	Lesley Dodd, Janet McLaren, Jacqueline Poole.
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SCHOLARSHIPS

The Queen's Jubilee Scholarship 1968/69. Veronica Beazley.

GENERAL CERTIFICATE OF EDUCATION, 1969.

ORDINARY LEVEL

The following girls passed in four or more subjects at Ordinary level:

Jane Aldred, Carol Atherton, Jane Birchett, Jillian Bottomley, Gillian Breese, Anne Casey, Ruth Cheetham, Denise Cooke, Judith Cowley, Helen Davies, Diana Frost, Susan Greenwood, Jane Higson, Judith Huxley, Rosemary Ince, Helen Jones, Patricia Kasler, Mairi Lea, Christine McDonnell, Barbara Monkhouse, Nicola Owen, Marilyn Price, Susan Rowley, Jane Stant, Sandra Travers, Margaret Trelfa, Nicola Weston, Cynthia Wilkinson, Vanessa Windsor, Jane Abell, Linda Atkinson, Sheridan Bateman, Pamela Boyce, Sheila Boynton, Alison Bristow, Denise Clarkson, Pamela Cox, Caroline Dent, Anne Dowler, Gillian Forster, Jill Gough, Penelope Green, Jane Haworth, Gillian Heady, Susan Hough, Jane Humphreys, Linda Jonas, Margaret Jones, Helen Lees, Anne Pegrum, Rosalind Phillips, Rosemary Price, Judith Roberts, Jenny Snaith, Veronica Solloway, Helen Swift, Alison Town, Lindsay Turner, Pamela Williams, Sarah Wilson.

Twenty-five members of the Lower Fifth form passed in Biology.

ADVANCED LEVEL

Four subjects:

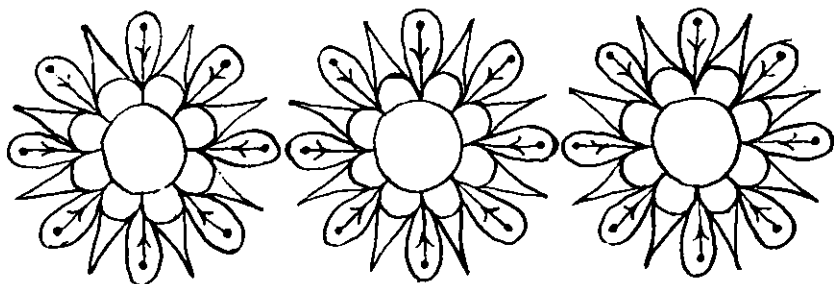
Janet McLaren, Janet Palmer, Eleanor Seed.

Three subjects:

Stella Airey, Vicki Arden, Delia Barker, Janice Burns, Ann Davies, Carol Davies, Lesley Dodd, Caroline Edkins, Christine English, Susan Gray, Elizabeth Hay, Valarie Hewitt, Mary Holliday, Judith Kermode, Wendy Lawton, Sara Lysons, Lesley Macnab, Rachel Nussey, Rosemary Owston, Jacqueline Poole, Janet Rowlands, Georgina Southwell, Sybil Teasdill, Pauline Thorpe, Jacqueline Yelland.

Two subjects: Gillian Attwood, Catherine Bowen, Maura Dand, Jane Downer, Hilary Greenwood, Penelope Henry, Margaret Jones, Diane Lang, Pauline Meakins, Jane Rowell, Vanessa Stevens, Celia Toler, Elizabeth Valentine, Janet Williams, Christine Willmott.

One subject: Jennifer Barritt, Linda Boyling, Kathleen Deans, Susan Flindt, Alison Jones, Elizabeth Landers, Valerie Paul, Charlotte Pinson, Anne Thompson.



EXAMINATION OF THE ASSOCIATED BOARD OF THE ROYAL SCHOOLS OF MUSIC, 1968-69.

Grade VIII	Claire Bottomley Maura Dand	Clarinet (merit) Cello (merit)
Grade VII	Maura Dand Alison Jones Gillian Heady Sybil Teasdill	Cello Piano Piano (distinction) Piano (merit)
Grade VI	Janet Knowles Veronica Solloway Valerie Taylor Rosemary Ince Cynthia Wilkinson Patricia Thompson Alison Jones Susan Kendall Claire Bottomley	Piano (distinction) Flute (merit) Piano (distinction) Viola (merit) Viola (merit) Flute (distinction) Clarinet General Musicianship (merit) General Musicianship
Grade V	Susan Kendall Anne Minors Margaret West	Violin (distinction) Flute (merit) Clarinet

SIXTH FORM SOCIETY

1969/70 has been a lively year for Sixth Form Society. We have enjoyed the support of enthusiastic audiences and during the latter half of the year invited members of The King's School sixth form to join us at some of our meetings. We have tried to cover a wide range of topics and hope we have provided something of interest to everyone.

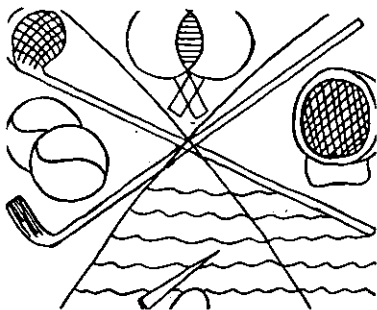
The school projector has made regular appearances at our meetings. Miss Harris, our first speaker, showed some fascinating slides of South America, which she visited recently. Our geographical knowledge has also been increased by an intriguing, if terrifying, talk on 'Climbing in the Alps' by Mr. Williams, and a Spanish evening at which Fiona Cuthill, Adrienne Hurley and Margaret Ellis showed us slides taken while on holiday in Spain and Portugal. A delicious rice dish, prepared by Claire Bottomley and Katherine Thompson, was served before the meeting.

We were very pleased to welcome Mr. Prins again when he visited the school to give a very interesting talk on 'The Child in Art'. His many slides showed the development of realism of the painting of children. Another artist, Mrs. Plant, whose main aim is to re-establish clay as a fine art medium, spoke to us about ceramics and brought with her some beautiful examples of her work. Mrs. Atherton showed us another form of decoration when she demonstrated flower arranging, producing five attractive arrangements in an amazingly short time. Mrs. Allberry, who is also interested in art, inspired all of us to go brass rubbing when she brought a large collection of rubbings, which transformed the Upper Sixth form room.

We have had four meetings about careers that we have found very helpful. One that appealed to a large number of the sixth form was when five former members of the school gave us their impression of life at University. Miss Jennings, a Child Care Officer, Lesley Hewitt, a journalist, and Mrs. Ward, a speech therapist, gave talks which were particularly useful for people considering careers in these fields as well as being of general interest.

Science was not forgotten, and Mr. Hurley spoke amusingly and informatively on 'Atom and Eve'. He talked on the development of atomic power and the effects it will have on tomorrow's 'Eves'.

Having a repertory company in Chester has been a great asset, as the Gateway Theatre Company has brought two of its studio productions to our stage, 'Green Julia' by Paul Ableman, and 'The Dumb Waiter' by Harold Pinter. Both of these were thoroughly enjoyed and gave the audience their first opportunity to taste stage champagne! The house manager of the Gateway Theatre, Mr. Jeffrey du Canin Grenfell-Hill, very kindly read some of his poetry to us. He described it as whimsical, unlike that of most other modern poets. Other less serious literary entertainment was provided by everyone who came to 'Read a Nonsense Verse'; Miss Pope's dramatic delivery of 'Bankolidiaid' made her the unquestionable victor!



The most significant change in the pattern of Sixth Form Society meetings took place during the Autumn term when we discussed the possibility of forming a joint society with The King's School following a most exciting game of Call my Bluff, which we played with them the term before, and of course won! To begin with we invited The King's School sixth form to several meetings. The first was Mr. West-Oram's talk on glass. As well as bringing glassware from his private collection he borrowed a number of fascinating specimens from the Pilkington Glass Museum. The King's School joined us again for Mr. Dore's illustrated lecture on 'Sir William Brereton, the Roundhead Leader'. His talk was mainly concerned with local history, and so was of interest to us all, whether historians or not.

After our success in Call My Bluff, The King's School were determined to redeem themselves in a game of Just A Minute, which one of their team, Martin Hough, managed to win after a hard fought battle. However, we retaliated and emerged victorious from a Balloon debate, which Josephine Eglin won in the role of Eve.

Miss Wright very kindly persuaded her brother to give us a lecture-recital on the guitar and this provided a thoroughly enjoyable evening to bring the year's meetings to a close.

Josephine Eglin.
Margaret Ellis.
Sarah Whitcombe.
Upper Sixth.

THE VOLUNTARY SERVICE GROUP

This year the Voluntary Service Group has ventured into new spheres of community service.

Projects during the summer holidays last year included helping at W.A.S.P. work camp, Heswall, where sixth formers supervised the cooking, and even further afield in Belgium and Austria. Lower sixth form members gained experience in dealing with the mentally sick when they participated in the daily chores on the wards at Mostyn Hospital; upper fifth formers exhausted their surplus energy at Thurstaston, where they set to work in thinning out the silver birches.

During the year, the visiting of people in hospitals and at home has taken up much of the Group's free time. Some members of the upper fifth have recently established new friendships with the residents at Newton House; while others join with the members of the Chester branch of I.V.S. in painting and decorating at weekends.

Through the enthusiasm of John Mole, the community service volunteer in Chester, contacts have been made by the lower sixth with the patients at the Deva Hospital.

At Christmas, Group members helped in the organization of parties for the various wards at the Deva, and the upper sixth continued the tradition of inviting the old people from Rowlands Lodge to the school carol service and entertaining them afterwards for tea.

It is encouraging to note that the number of volunteers has increased greatly during the past year, and those who have recently joined the group are finding the work most rewarding and enjoyable.

On behalf of all the members of the Voluntary Service Group, I should like to extend our most sincere thanks to Miss Edwards for her invaluable help, inspiration and guidance at all times.

Heather Crossley.
Upper Sixth.

CHARITIES REPORT 1969 - 70

Each term of the school year begins with a gathering of resilient volunteers who are about to embark on the difficult task of asking their generous and inducing their parsimonious friends to part with their cash. We challenge each form to take on the responsibility of launching an appeal for a worthy cause during one week of the term. Each Monday morning sees a different member of the school mounting the platform to plead her cause. The week continues with the inevitable sales of cakes and sweets, as this is the most effective way of extracting money from starving schoolgirls. Amounts raised by these efforts have varied from as much as six pounds to as little as ten shillings on occasions 'when most people forgot'.

Lunch hours are frequently graced with contests of such national renown as Top of the Form, Top of the Pops and Opportunity Knocks. A large audience is always guaranteed if the staff can be coerced into participating. More frequent efforts have been the Guess the - weight, name, place, baby, language, amount of money, number of sweets, etc. - competitions.

Other events in our money raising year have included the Shelter Moon Race - Remove H travelled the farthest, collecting 429 of the school's 2808 pennies. We felt obliged to transport this great weight of copper to the bank ourselves. The Queen's School raised £217 on the 1969 Shelter Walk and we hope to better this total in the great SHAMBLE of 1970.

Street and house to house collecting for those of us over 16 tended to be tedious work and we are grateful to those in the school who often agreed to stand in town with a collection tin, only to be told by passers-by that they "didn't believe" in giving money to the deaf or blind, etc.

During the last week of the Spring Term the Upper Sixth cleaned the shoes of the rest of the school (well, those who were willing to pay sixpence for the privilege), and the shoes of the school shone while the hands of the Upper Sixth became very tanned with polish.

Friday morning sees the week's money come rolling up to the waiting landing. Upper IV H. have performed the amazing feat of raising over ten shillings each week during the whole year. Lower IV W and Lower IV M have accomplished this for two terms and Remove H for one. We want to thank all Charities Monitresses for their enthusiasm.

In our hurried banking of the money we have sometimes been guilty of mistakes. We do thank Miss Hayes and Miss Ker (who has now taken over the job as banker) for their forbearance with us and our errors.

Where does all the money go? It is always difficult to decide where our support is most needed. The school's awareness of the problems of our modern age is reflected in the eagerness of forms to support Shelter and Cancer Research. Children's charities of all varieties are also popular, as are the Simon Community for drug addicts and the Royal National Lifeboat Institute. We are also pledged to raise thirty pounds a year to pay for the education of Felix Nkoko of Lesotho, whose sister we formerly supported. We have received many charming letters from them both.

The school has also proved itself to be concerned with local appeals, for example, St. Bridget's, the Richmond Fellowship, and Chester Cathedral Appeal Fund.

This year we have raised over £400 (excluding amounts raised by walks and other external activities). We wish to thank Miss MacLean for her helpful advice and constant support which has enabled us to achieve this result.

Elizabeth Roberts.
Upper Sixth.

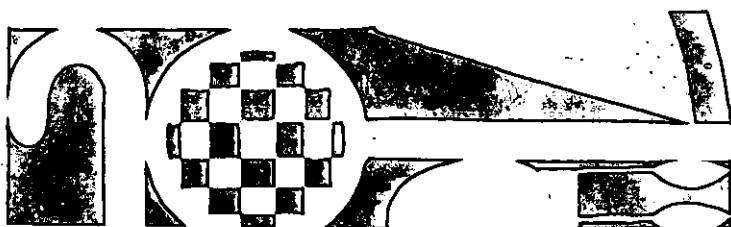
THE INSECT PLAY

Normally one goes to an end-of-the-summer-term, post-examination production prepared to overlook many shortcomings. However, at Miss Callaway's production of Capek's 'Insect Play' with the upper fifths in July 1969, it was soon clear to the audience that it would not be called on to exercise its charitableness; although, apart from some of the casting, all the work on the play had been done in the three weeks after O levels, there were no signs of under-rehearsal and the production moved at a brisk pace. Clearly the large cast and the workers who supported them backstage had pulled together throughout as a strong team.

This play is a grim satire, but at this lively and colourful production most of the younger members of the audience seemed to take it as an exciting play about insects. However, it was clear that the players were aware of deeper implications: this was especially true of the butterflies in their prettiness and brittle gaiety and perhaps even more true of the ants. The marching scene with its apparently endless line of tramping hordes, as well as being ingeniously managed, conveyed sinister undertones of doom.

In such a large cast of many small parts it would be difficult to single out individuals for special mention. All contributed to the general picture of surging, ruthless life and remorseless fate. However, if there is a pivotal character in this play it is the Tramp, and possibly it was Denise Cooke in her rendering of this part to whom the production owed most: she was at once a puzzled, feckless outcast and a philosopher manqué.

Scenery, costumes and lighting were all most impressive. One could only marvel that so much had been achieved in so short a time and congratulate Miss Callaway, Miss Monck-Mason and Miss Keay, on an imaginative, highly-finished and (in spite of grim undertones) highly enjoyable production.



GAMES 1969 – 1970

TENNIS 1969

Aberdare Cup

Congratulations to the first VI who reached the area final, by defeating West Kirby Grammar School, Bebington Secondary School and Birkenhead High School in the first round; Wilmslow County Grammar School, Nantwich Grammar School and Northwich Grammar School in the second round; and Lowther College and Southport High School in the third round. The area final was won by Sheffield High School.

Congratulations to Juliet Wheeler on winning the Senior Girls' Singles at The West Cheshire Tournament, also on reaching the quarter finals of the singles of the Schoolgirls' Tournament at Queen's Club in London.

Hoole Alexander Park Tournament

Jill Gough won the singles.

Jill Gough and Judith Roberts reached the final of the doubles.

Chester and District Schools' Tournament.

The Junior team won the cup.

1st VI	2nd VI	Junior VI
A. Northway (V. Capt.)	J. Roberts	K. Vanner
J. Wheeler	J. Abell	H. Stephens
S. Gray (Capt.)	L. Turner	V. Wall
C. Gray	L. Jonas	S. King
E. Wollan	J. Gough	J. Wilson
E. McDonald	S. Roberts	S. Seed
G. Bradshaw and P. Williams played in some matches for the 2nd VI.		

HOUSE MATCHES

Senior: Sandford House Junior: Hastings House.

Singles Tournaments

Senior: Juliet Wheeler; runner-up Susan Gray.

Middle School: Karen Vanner; runner-up Helen Stephens.

Junior: Penny Northway; runner-up Rosalind Hopper.

2nd Senior: Jill Gough; runner-up Pamela Williams.

Non-Team Doubles: Pamela Williams and Margaret Jones; runner-up Averil Brian and Fiona Cuthill.

Nestle's Ladder Competition

Pamela Williams reached the semi-finals of the Northern Area Tournament.

TENNIS FIXTURES

1st VI

West Kirby	Won
Belvedere School	Won

In the Cheshire Cup the 1st VI won the West section but were defeated by Cheadle Hulme in the Cheshire Final.

2nd VI

Helsby Grammar School	Won
Moreton Hall	Lost
Howells School, Denbigh	Won
Belvedere School	Won

Junior VI

Helsby Grammar School	Won
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Under 14 VI

Helsby Grammar School	Won
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Cheshire Schools' Junior Singles

Karen Vanner reached the final of her section.

SWIMMING

Chester Sports Fortnight Gala.

In the final of the senior freestyle relay championship, a team whose members were I. Davidge, C. Davidge, P. Williams and R. Hopper was placed 2nd.

HOCKEY 1969 – 1970

	1st XI	2nd XI	Junior XI
G	L. Jonas	N. Woods	J. Clinton
RB	G. Bradshaw	A. Town	C. Holme
LB	M. Armstrong	K. Vanner	J. Knowles
RH	P. Williams	M. Jones	B. Byatt
CH	A. Northway (Capt.)	G. Breese	J. Carter
LH	J. Roberts	J. Birchett	I. Davidge
RW	C. Bottomley	J. Abell	P. Williams (Capt.)
RI	S. Roberts	S. Whitcombe (Capt.)	J. Price
C	C. Gray	R. Ince	C. Perry
LI	J. Gough	H. Stephens	C. Dodd
LW	E. Wollan (V.Capt.)	B. Monkhouse	N. Strawson.

Half-colours awarded to: E. Wollan; M. Armstrong;
G. Bradshaw; P. Williams.

HOUSE MATCHES

1st XI	Senior: Sandford House	Junior: Sandford House
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HOCKEY FIXTURES

	Chester City High School	Won
	West Kirby Grammar School	Draw
	Ellesmere Port Grammar School	Won
	Helsby County Grammar School	Won
	Ellesmere Port Grammar School	Won
2nd XI	Chester City High School	Won
	Helsby County Grammar School	Draw
	Ellesmere Port Grammar School	Draw
Junior XI	Helsby County Grammar School	Lost
	Chester City High School	Won
	West Kirby Grammar School	Won
	Ellesmere Port Grammar School	Won

LACROSSE 1969 - 1970

	1st XII	2nd XII	Junior XII
GK	E. Wollan	G. Breese	J. Clinton
PT	G. Bradshaw	J. Birchett	J. Knowles
CP	A. Northway	K. Vanner	C. Dodd (Capt.)
3M	C. Atherton	S. Whitcombe (Capt.)	B. Byatt
R.D	C. Gray (Capt.)	J. Abell	J. Carter
L.D.	C. Bottomley (V.Capt.)		S. Seed
C	S. Roberts	S. Hough	C. Perry
RA	P. Williams	L. Jonas X	P. Williams
LA	J. Gough	H. Stephens	P. Birchall
3H	V. Moore	B. Monkhouse	J. Price
2H	J. Young	R. Ince	N. Strawson
1H	J. Roberts	M. Jones	R. Bristow

Half collurs awarded to:— G. Bradshaw, C. Bottomley,
and S. Roberts.

LACROSSE FIXTURES

1st XII	I. M. Marsh College	Lost
	Hoylake Women's L.C.	Won
	Moreton Hall	Draw
	Belvedere School	Lost

2nd XII Moreton Hall

Lost

Junior XII I. M. Marsh College

Won

Congratulations to the 1st XII on reaching the semi-final of the North West Schools Tournament.

Congratulations to the 1st XI on reaching the semi-final of the Cheshire Schools' Tournament in October and on reaching the final in March.

FENCING

During the past year teams and individuals have been competing in many fencing events ranging from the Novices' Competition in Liverpool to the north west section schools' championships, which attracted the best school fencers of the north west.

In the Cheshire Schools' Tournaments at Carlett Park, Diane Lang won the first prize in the senior girls' event in 1969 and Jane Abell in 1970. In the recent competition there, Jane Abell, Sara Abell and Sheila Boynton were awarded colours.

Many have now reached a standard which has qualified them for proficiency awards of the Amateur Fencing Association.

Jane Abell, Sheila Boynton, Karenn Coombes, Kirsty Hollway, Adrienne Hurley, and Diane Lang have gained the silver award and twenty-three girls have gained the bronze award. These results are very encouraging.

Several matches with local schools were arranged during the past year. The senior and junior teams fencing at the Ursuline Convent won both their matches, though the senior team lost the return match. A beginners' team has twice beaten teams from Ellesmere Port Grammar School.

People who have fenced regularly for the school in team and individual events are:—

Senior

Jane Abell
Margaret Armstrong
Jane Birchett
Gillian Breese
Karenn Coombes
Kirsteen Hollway
Adrienne Hurley
Rosemary Ince
Nicola Owen

Junior

Sara Abell
Sheila Boynton
Kirsty Elliot

In the coming year we hope that the enthusiasm for fencing built up during the last three years will continue. They say that you are never too young or too old to learn, so anybody who is interested in this art can join the local Fencing Club. Details can be obtained from Karenn Coombes, Jane Abell or Sheila Boynton.

Karenn Coombes and Margaret Armstrong
Upper Sixth.

THE QUEEN'S SCHOOL ASSOCIATION, NEWS OF MEMBERS.

We congratulate four members who were awarded first-class honours in their final examinations last summer.

Diana Bridges, University of Edinburgh, chemistry.

Patricia Hough, University of Keele, sociology and French.

Thelma Jerome, Loughborough, diploma in art and design.

Jane Simpson, Loughborough, diploma in art and design.

Congratulations also to the following who were successful in degree examinations in 1969:

Deirdre Bowden, Cambridge, Oriental studies part I, Class II.

Sheila Deans, Rugby College of Engineering and Technology — Class II 1.

Kathleen Dickinson, Durham, Classics, Class II, 1.

Joy Gowlett, London, Classics, Class II 1.

Alison Irvine — Browne, Liverpool, B.V.Sc.

Patricia Jeffs, London, aeronautical engineering.

Jean Jones, Manchester, Chemistry, Class II 1.

Pamela Jones, Crewe College of Education, B.Ed.

Margaret Kelly, Edgehill College of Education, B.Ed. with distinction.

Elizabeth Knox, Cambridge, History, part II, class II 1.

Patricia Lister, Cardiff, B.Pharm.

Judith Marsh, Leeds, General arts, Class III.

Lorna McRobie, Newcastle, Biology, class III

Jennifer Morris, Aberystwyth, Botany.

Janet Sweeney, Hull, Music, Class II i.

Elizabeth Williams, Aberystwyth, Botany, class II.

Margaret Woods, Swansea, Geography and psychology, class II i.

OTHER NEWS

Ruth Abrams has been offered work in the library of the University of Sussex on completion of her degree course at Bangor.

Audrey Ainscough is a private secretary at Manweb's head office in Liverpool.

Mary Allwood (Mrs. Cavaghan) recently made an interesting voyage with her husband to Malaysia, Hong Kong, the Philippines and Japan.

Judith Astle (Mrs. Gregory) is a buyer for the new Baby Linen and Junior Fashion Department of J. Collinson and Co., Liverpool. She also has her own general artwork, design and display studio. She has two children, Caroline (4) and John (2).

Gillian Bailey (Mrs. Siddall) has a son and a daughter.

Shirley Barker is a B.O.A.C. Air Stewardess and is to marry a Swiss man who is a B.O.A.C. station manager in Basle.

Gillian Barlow (Mrs. Clarke) has settled in Reigate and has made contact with Alwyn Twaits (Mrs. Moore).

Drusilla Bevir is now a qualified physiotherapist. She is married, has a two month old daughter and lives in Birmingham.

Deirdre Bowden plans to travel in Turkey this summer, visiting sites related to her oriental studies.

Diana Bridges is doing research for her Ph.D. at Edinburgh.

Anne Brittain (Mrs. James-Storrar) teaches at Newton Primary School.

Joy Broster (Mrs. Allen) now lives in Surrey; her two eldest daughters are engaged. Her sister, Nanette, is expected to visit England from Canada with one of her daughters.

Marian Brown is teaching in a secondary school in Ellesmere Port.

Joan Buckley has taught for a year at Archbishop Temple's Comprehensive school London. After she marries she will teach at Stewards Comprehensive school in Harlow.

Pauline Carr is a mental officer in Stalybridge.

Jane Carter is working as a stenographer for the Canadian Pacific Line and is working for two years on the Empress of England.

Ruth Carter has returned from her trip to Australia.

Susan Carter is teaching P.E. in Northampton.

Joan Christie is housing manageress for the Beverley Borough Council.

Rosamund Clark (Mrs. Day), working for the British Council, has been in Rio de Janeiro, as assistant representative for six months.

Sylvia Clarke (Mrs. Price) is Assistant Welfare Officer in Kidderminster and has a number of grandchildren.

Hilary Clarke is now Mrs. Batty and lives in Leeds; she has two children, Nigel, aged 5 and Jennie, aged 3.

Lesley Cooke is a member of Bedford P.E. College swimming team.

Joan Cooper (Mrs. Peberdy) still lives in Swaziland — now independent but a delightful place to live in. She has two sons at boarding school and one daughter. Susie Crawford is voluntary liaison officer for the Duke of Edinburgh's Award.

Marjorie Cull (Mrs. Rutter) is teaching at Ellesmere Port.

Elizabeth Davies is a health visitor for Cheshire County Council, at Bebington, having returned from Malaysia where she was a health visitor for S.S.A.F.A. She is now Mrs. Clark.

Phillippe Davies is teaching in London.

Sheila Deans is a trainee programme systems analyst for Manweb.

Kathleen Dickinson is at Manchester University working for her M.A. in Greek philosophy.

Jane Dimmer represents Leeds University at badminton.

Sheila Dutton will be taking her finals at Reading this summer. She spent last year in Paris, studying French and Economics. In September she will take up a post at the new university of Bath where she is to work with the Professor of French on a dictionary of French-English business terminology.

Margaret Elston (Mrs. Hyde) is helping Samaritans in Chester; she has two children, Robert John (7) and Sarah Jane (5).

Greta Ellis (Mrs. Price) lives in Colne, Wilts., and has three daughters.

Daphne Ensor (Mrs. Baynes) has been teaching at a boys' grammar school in Egham, Surrey.

Jane Flindt will complete her course at the Royal College of Music this summer and spend a year at Homerton College of Education, Cambridge.

Lynne Foden (Mrs. Burton) played hockey for Northants 2nd XI and is teaching in a secondary modern school in the county.

Mabel Foulkes (Mrs. Roberts) has returned to teaching in Stafford.

Mary Garnett is married and is now teaching at a boys' day school in Pinner.

Bridget Gibbs (Mrs. Perry) is on leave from Lesotho with her husband and son, Simeon Luke.

Anne Gumbleton is still teaching in Lima; she plans to return home in the New Year 1971. Violet joined her for a holiday in Mexico this winter and has become deeply interested in Mexican archaeology.

Rosemary Hands is now Mrs. Chapman.

Gillian Hampson is working for the Greater London Council.

Carolyn Hewitt hopes to spend this academic year as an English assistant in a French school before completing her final year at Sheffield.

Mary Heys is teaching French at Malvern College for Girls. Her sister Isobel has been a governess with a family in northern Italy.

Isobel Hough is taking a secretarial course in Chester.

Patricia Hough is a member of a research team in the department of psychology of the university of Leeds and is working on careers guidance.

Sarah Hudspeth is in her final year at York University, reading philosophy. Next year she plans to work for the Diploma in Education. Her sister, Susan, is training in the physiotherapy department of St. Mary's Hospital, Paddington.

Elizabeth Hyde (Mrs. Knott) lives in Gateacre and has one daughter.

Sheridan Irvine-Brown has worked for V.S.O. in India and is now at Liverpool University.

Margaret Wood is a graduate trainee town planner with Swansea Corporation.

Rosemary Waterhouse is secretary/receptionist at the training centre of J. Bibby and Sons of Willaston.

Yvonne Woodhead (Mrs. Walker) is now living in Elenora Height, N.S.W. and has made contact with Elizabeth Lewis (Mrs. Kentish).

Cynthia Jenkins' friends will be glad to know that she is making a good recovery after a serious illness.

Thelma Jonas is at Liverpool College of Art, working for her A.T.D. She is enjoying her course very much.

Barbara Johns is an orthoptist at Hull Royal Infirmary.

Judith Jones (Mrs. Davies) has been teaching in a primary school in Little Sutton.

Wendy Jones (Mrs. Tucker) is an assistant solicitor with a City firm and has recently moved to Church Crookham.

Pamela Jones is a local government officer.

Elizabeth Knox was successful in all six papers of the Law Society's Part 1 qualifying examination, gaining distinction in Torts.

Valerie Lawford is working for a Diploma in Education at Didsbury College.

Caroline Leese (Mrs. Roundhill) is enjoying all that Bath has to offer. Her next door neighbour is Rowena Young (Hack). She also sees Ena Evans, as two of her children are at Bath High School where Ena is head of the mathematics department.

Ann Lewis (Mrs. Roberts) is prospective Labour candidate for Denbighshire. She is a journalist and broadcaster and writes on Welsh affairs for the Guardian.

Mary Linton is studying Business Studies at the Central College in Glasgow.

Patricia Lister will be eligible for membership of the Pharmaceutical Society on completion of one year's post-graduate training.

Ann Long (Mrs. Hallatt) has three children — two girls and a boy. Her husband is the vicar of a large suburban/rural parish near Sheffield.

Alison Mackenzie is a 3rd year student at U.C.W. Aberystwyth and has been elected head of hall for this session.

Lorna McRobie is taking a post-graduate course in landscape architecture at Manchester.

Susan Morgan is married to Duncan Massie.

Margaret McEwan has been head of the P.E. department at Oxford High School.

Lisbeth Owen has returned home from Washington D.C. where she has been working at the White House, engaged in liaison with a film company making a video tape for the President about the hunger problem in America.

Dawn Parry swims for Bedford P.E. College.

Heather Parry has a teaching post in Middlesex.

Winifred Parry (Mrs. Braunholtz) has left Sheffield where she has been teaching classics for some years. She is training as a careers mistress. Her husband works for Oxfam.

Angela Partington (Mrs. Burton) has been doing part-time teaching at the B.F.E.S. School in Lippstaadt.

Elizabeth Pooley is a student radiographer at the Wrexham and District school of radiography.

Elsie Phillips (Dr. Elsie Conway) who is senior Lecturer in Botany at Glasgow University is to spend the 1969-70 season as visiting professor of Botany at the University of British Columbia, Vancouver.

Margaret Price (Mrs. Strong) is a buyer in the Younger Set Casual Department at Harrods.

Elaine Reay is in Canada with her husband.

Judy Roberts is going to the Sorbonne for three months.

Vivienne Robinson is reading medicine at Edinburgh University.

Helen Salter is an assistant teacher at Canon Drew V.P. School, Hawarden.

Diana Shaw (Dr. Knight) is a part-time Registrar in psychiatry at St. Crispin's Hospital, Northampton.

Janet Sweeney has been appointed music mistress at Dyson Perrin's Church of England School, Malvern.

Suzanne Taylor is Junior Sister at the Brompton Chest Hospital.

Dorothy Thompson (Mrs. Coward) is in Uganda for four years with her husband.

Hazel Vivienne (Mrs. Morris) recently conducted Rossini's opera "The Italian Girl in Algiers" when it was performed by the Sadler's Wells Company in Liverpool.

Carolyn Weltman is studying for her A.T.D.

Charlotte West-Oram after two years studying speech and drama at the Guildhall is spending her final year of training at Trent Park College of Education. She enjoyed the experience of working in a kibbutz in Israel last summer.

UPPER SIXTH FORM LEAVERS, 1969.

University places were gained by:

Stella Airey: Reading Physiology and Biochemistry
Vicky Ardén: London (Westfield) Mathematics
Veronica Beazley: Cambridge (Girton) History
Katie Bowen: Manchester General Arts
Janice Burns: Hull Anthropology.
Ann Davies: Reading Fine Arts
Carol Davies: London Medicine
Christine English: Newcastle Scandinavian Studies
Susan Gray: Newcastle Architecture
Penelope Henry: East Anglia Fine Arts (for 1970)†
Alison Jones: East Anglia Music
Diane Lang: Liverpool Medicine
Lesley McNab: Manchester General Arts and American Studies (for 1970)
Janet McLaren: London (R.H.C.) Mathematics
Pauline Meakins: Manchester Chemistry
Sally Louise Nolte: Manchester University Institute of Technology Mathematics and European Studies
Rachel Nusey: St. Andrews French and German
Rosemary Owston: Sheffield Medicine
Janet Palmer: Sheffield Applied Mathematics and Computing Science
Janet Rowlands: Hull English
Georgina Southwell: Birmingham German and French
Sybil Teasdill: Newcastle Social Studies
Anne Thompson: Oxford (St. Hugh's) Classics
Pauline Thorpe: Leicester Combined Arts

†Penelope has spent this year in Florence, studying art and Italian.

COLLEGES OF EDUCATION

Gillian Attwood – Froebel Institute, Roehampton.
Delia Barker – Froebel Institute, Roehampton.
Jennifer Barritt – Nottingham College of Education.
Melanie Brown – Bedford College of Physical Education.
Kathleen Deans – Crawe College of Education
Valerie Hewitt – Nottingham College of Education
Judith Kermode – St. Hild's College of Education, Durham.
Vanessa Stevens – Froebel Institute, Roehampton.

COLLEGES OF ART AND MUSIC

Maura Dand – Royal Academy of Music
Jane Downer – Ravensbourne College of Art and Design
Susan Flindt – Birmingham College of Art
Margaret Jones – Chester College of Art

COLLEGES OF TECHNOLOGY

Hilary Greenwood – Stockport College of Technology
Sara Lysons – Bolton Institute of Technology
Charlotte Pinson – Nottingham College of Technology
Janet Williams – Newcastle Technical College

OTHER LEAVERS

Linda Boyling, Chester College of Further Education

Lesley Dodd - Salop Royal Infirmary (Radiology)
Caroline Edkins - Garvald School for Mentally Disabled Children
Elizabeth Landers - St. Thomas' Hospital, London (nursing)
Valerie Paul, Chester College of Further Education
Jacqueline Poole - trainee social worker, Cheshire County Council
Celia Toler has been travelling in Europe
Christine Willmott, Hartford College of Further Education
Jacqueline Yelland, Leicester College of Domestic Science

LOWER SIXTH LEAVERS, 1969

Carole Hazleton - Bristol Royal Infirmary (nursing)
Elizabeth Macdonald - St. Matthias' College of Education, Bristol.
Ann Phillips - Liverpool Hospital (nursing)
Phyllis Preston - Leicester College of Domestic Science
Pauline Tonkin - hopes to go to drama school

OBITUARY:

Margaret Humfrey Browne (Welsby) 1908-1914.

By the death of Mrs. M. H. Browne, who was Margaret Welsby, last November, the Association lost one of its most distinguished members. At school she quickly showed her many sided gifts: winning form prizes each year, playing in the first hockey team (of which she was eventually captain), exhibiting in the Royal Drawing Society's exhibitions, and writing mock-serious verses regularly for "Have Mynde". She was Queen's Scholar from 1912 until 1914 and in 1914 went to Girton, where she held the Nessie Brown scholarship.

Her career at Girton was equally distinguished. She was placed in the First Class in both parts of the Economics Tripos (her brother says she was the first woman ever to achieve this) and gained her Blue for Hockey, playing for Cambridge against Oxford.

She married in 1920. Her husband was on the first war Reparations Committee and later with the International Bank. They lived for many years in Paris, and later in Basle. During these years she took up fencing and played for England. In 1926 she wrote a novel "Growing Up" which was published by Methuen. Although by no means an autobiography it is clearly based on her own experience as a young graduate living in Paris.

After her husband's death she worked at the London School of Economics (reference to her work there was made in last year's "Have Mynde"). During the second world war she had a back-room job with the Ministry of Food.

Her friends recall her independence and clarity of thought, her brilliance as a talker and her gifts as a caricaturist.

She leaves a son and two grandchildren.

JANE REDFERN, 1954-1967.

Jane Redfern's long illness and her death at Easter saddened all who knew her. Her outstanding attribute had always been a valiant independence and it was a tragedy that physical independence was eventually denied her.

She had a great affection for The Queen's School and it was wonderful to see her at so many school functions during her illness, always cheerful and keenly interested and in possession of some inner peace.

Those of us who were her friends at Nedham House have particularly happy memories of her, of her exuberant energy, her determined chin, and her infectious laughter; and if it is true that we return to the places where we have been happiest, it is certain that there is often a bright spirit with fair pigtailed playing cowboys round the bushes at No. 57.

Anne Thompson.

Alsop — to Joan (Phillips) on 11th August 1968, a son, Philip Keith.
 Causebrook — to Peveril (Jerome) in November 1969, a daughter, Tanya.
 Cavaghan — to Mary (Allwood) on 11th August 1968, a daughter, Joanna Mary.
 Corby — to Rosalyn (Crews) on 31st August 1968, a son, John William.
 Crowe — to Freda (Gill) on 20th June 1968, a daughter, Gillian Ruth.
 Fox — to Susan (Dutton) on 9th June 1969, a daughter, Erica Jane.
 Knott — to Elizabeth (Hyde) in September 1968, a daughter, Catherine Rachel.
 Perry — to Bridget (Gibbs) on June 5th 1969, a son, Simeon Luke.
 Rees — to Susan (Evetts) on 28th October 1969, a daughter, Catharine Mary.
 Stevenson — to Christine (Moss), wife of Dr. M. Stevenson, a daughter, Heather Dawn.

Thorpe — to Marian (Hudson) on 4th January 1969, a daughter, Catherine Jane.
 Webster — to Pauline (Kerridge) on 17th July 1969, a daughter, Penelope Mary.
 Willis — to Diana (Walker) on 2nd January 1968, a daughter, Katie Diana.
 Window — to Dorothy (Furness) on 9th March 1969, a son, Stephen.
 Phillips — to Gwyneth (Rhoden) on 21st February 1970, a daughter (Bethan).
 Gillespie — to Roma (Randles) on 4th November 1969, a daughter Gina Suzanne.

MARRIAGES

Brain — Benson. On 11th September 1969, Ann Brain and Brian Charles Benson.
 Brotherhood — Short. On 3rd October 1969, Ann Brotherhood to Clive Robert Short.

Browne — Fenwick. On December 1969 at Beckford Church — Alison Browne to Sub. Lt. John Fenwick.

Davies — Clarke. On 24th May 1969, Elizabeth Davies to Leslie J. Clarke.

Eatock — Stathers. On 4th May 1968, Susan Eatock to Malcolm Stathers.

Ensor — Bayne. On 2nd August 1969, Daphne Ensor to Christopher Bayne.

Hack — Miln. On 31st March 1970, at Chester Cathedral, Marjorie Hack to Roger Miln.

Howarth — Saint. On 31st May, Joan Howarth to Stuart Saint.

Johnston — Nolan. On 9th August 1969, Valerie Johnston (former member of staff) to John P. S. Nolan.

Keay — Bowen. On 6th September 1969, Helen Keay to John Bowen.

McDonald — Cox. In March 1969, Margaret McDonald to John Cox.

Parry — Braunholtz. On 29th December 1969, Winifred Parry to Ralph Braunholtz.

Price — Strong. In November 1968, Margaret Price to Michael Strong.

Partington — Burton. On 29th June 1968, Angela Partington to Edmund F. G. Burton.

Reynolds — Lloyd. In May 1969, Moyra Reynolds, former member of staff, to Tom Lloyd.

Toler — Brotherhood. On 2nd August 1969, Susan Toler to John Brotherhood.

Vincent — Davis. On 31st May 1970, Felicity Vincent to Andrew Davis.

Winskill — Roosevelt. On October 3rd 1969, in New York, Mary Winskill to James Roosevelt, eldest son of the late President Roosevelt.

Dunstan — Swift. On 30th August 1969, Pamela Dunstan to Ian Swift.

Garnett — Vallance. On 1st April 1970, Mary Garnett to M. W. Vallance.

Browne — On 27th November 1969, Margaret H. Browne (Welsby).

Clegg — In November 1968, Gladys Clegg. (Lanceley).

Eccleston — In Australia, following a road accident, Marilyn Eccleston.

Horton — On 6th September 1969, Ethel Victoria Horton (Queenie).

Redfern — On 26th March 1970, Jane Redfern.

Salter — On January 1st 1970, Violet Salter (Fox) following a road accident.

Parker — On 5th February 1968, Constance Parker (Bateman) as a result of a road accident.

Duckett — In Canada, June Duckett, as a result of a road accident.

THE SPHERICAL SOLENOID

Over the past few months, certain investigations have been carried out in the Physics Laboratory which must be of general interest if only by reason of the novelty of the project. The apparatus under test was the first model of a spherical solenoid, a completely new device, or so we believed, for the production of a magnetic field.

The initial idea that a coil of wire wound in the form of a sphere could make an effective solenoid was proposed by Stella Preston, in answering a routine question put to a Lower VI Physics class during a theory lesson. Asking the question 'What do you think would produce a uniform magnetic field?', Mr. Hands (after prodding a little) received not the expected reply of "A cylindrical solenoid", (the conventional device for the production of such a field) but Stella's novel suggestion of a sphere. He admits that at first he was rather dubious about the merits of the device she proposed. However, after contemplation, the idea did seem to have some merits.

Working as a team, Stella and I began to think seriously about possible designs and methods of winding for the device, for it was clear now that a working model must be made and tested before we all became carried away with wild speculations. Finding a suitable base upon which to model the solenoid was a problem — although many manufactured spheres are to be found and many of these are non-ferromagnetic (as, of course, such a solenoid base had to be) none was designed to have turns of wire wound upon it. Eventually we selected a polythene salad strainer, and overcame the difficulty of its non-sphericity by gentle heating and moulding. The ridges round the strainer proved to be useful in guiding the wire, and also in the securing of the various turns.

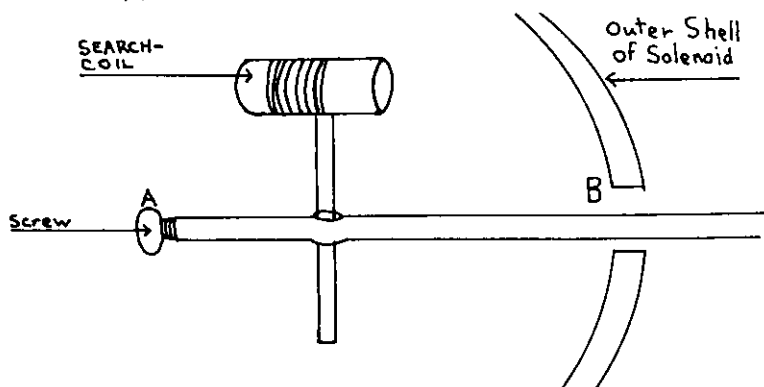
When we had acquired a sphere, the next problem was to mount the wire on it in as permanent a fashion as possible. There was also the problem of how to space the turns of wire. There seemed to be three possibilities. The individual turns could all follow great circles, but have their arcs variously inclined. This arrangement seemed unlikely to give a good result. The turns could be co-axial with equal distances of spherical surface between them, or could be co-axial with equal distances between their planes. This last suggestion seemed to be the most feasible, owing to its similarity to the windings on a conventional cylindrical solenoid.

To find out more about the field produced by a solenoid of this last design, Mr. Hands applied to Miss Edwards for some help on the mathematical approach. Miss Edwards' answer (after a little thought) was the piece of integration (see Appendix) leading to the conclusion that the solenoid would produce a uniform field along its central axis, the field being in no way affected by the dimensions of the sphere. The most surprising conclusion drawn from the working she carried out is that the field, uniformity appears to hold for axial points outside the sphere and up to an infinite distance from the sphere! Considering the energies involved, Mr. Hands decided that this last result was improbable and we concentrated on the field produced inside the sphere.

It was at this point in the design of the solenoid that we realised how fortunate we had been in choosing a sphere which was constructed as two hemispheres (as was our salad strainer). This meant that we could each wind the wire on to a half of the sphere. The winding was carried out with the aid of a scale diagram in order to achieve a fairly uniform spacing of turns along the axis of the sphere. (Perhaps "winding" does not convey enough of the artistry and devotion which went into this stage of the construction. The finished coil resembled a piece of up-dated needlework much more than a scientific tool, each turn of wire having been sewn into place!)

The winding of the coils, using 18 s.w.g. enamelled copper wire, proved to be the longest job involved in the making of the solenoid, but our next task

was certainly more testing as regards design and construction. Having produced a spherical solenoid, we now needed a search coil with which to investigate the resulting magnetic field, a search coil which would fit inside the sphere and which would be capable of moving in three mutually perpendicular planes. The search coil finally designed could in fact reach almost any point inside the sphere. It consisted basically of 500 turns of very fine, silk-sheathed wire, wound round a perspex rod, the winds being of mean diameter 14mm. The perspex rod was fixed to a metal rod, which was in turn connected, by a movable joint, to a tube which passed to the outside of the solenoid. It can be seen from the diagram that this arrangement gives great freedom of movement in any direction, as the horizontal rod can be swivelled round until the two rods lie in any plane.



The screw at joint A is easily adjusted to give any required distance between the search coil and A. The distance AB can be altered by manipulating the horizontal tube. The lead wires from the search coil (not shown in the diagram) followed the path of the rods, passing inside the tube AB.

The two most important items of the device having been completed, Mr. Marchington, the laboratory technician, willingly constructed a support for the solenoid, along with a means of supporting the search coil.

At long last the test which would prove or disprove the usefulness of the invention (and the claims of its backers) might begin. The simplest method of investigation used mains frequency alternating current as the current supply to the solenoid, the signal received from the search coil was amplified, and the amplifier output fed into the Arometer, which was set to read alternating current. With this arrangement, one experimenter merely moved the coil at random about the sphere, while the other scrutinised the meter for any deviation in the signal received from the search coil. Hopes ran high when, after preliminary, but rather haphazard investigations, very little deviation in magnetic strength was recorded. In later, more controlled experiments it was shown that even in this rough model of the solenoid, which has, we confess many imperfections, the field produced at any point is within 3% of the field at the centre of the sphere. It is tempting to lay the blame for any variations on the inadequate, "home-made" construction of the device, so we propose to have machined an accurate sphere, suited to carrying the necessary turns of wire. Investigations with this accurate model should, we hope, verify the claims we now make rather tentatively — that a spherical solenoid will produce throughout its volume a uniform magnetic field.

In case the solenoid should prove useful (for example, in research work) it has been made the subject of British Provisional Patent No. 60494 (1969). We have great hopes for the future of the device, as much interest was shown in it when it was exhibited at the A.S.E. Exhibition at Lancaster in December.

However, we have recently heard of investigations of the fields produced by similar solenoids, one of which was constructed in the laboratories of Sir

Edward Bullard. The main constructional difference between these earlier models and our spherical solenoid seems to be in the winding: whereas our winding is continuous, previous experimenters have used coils made up of complete and separate circles of wire. Their more sophisticated theory leads us to believe that our system should be at least as satisfactory: since it is a little simpler to construct we feel it will be worthwhile to continue our trials.

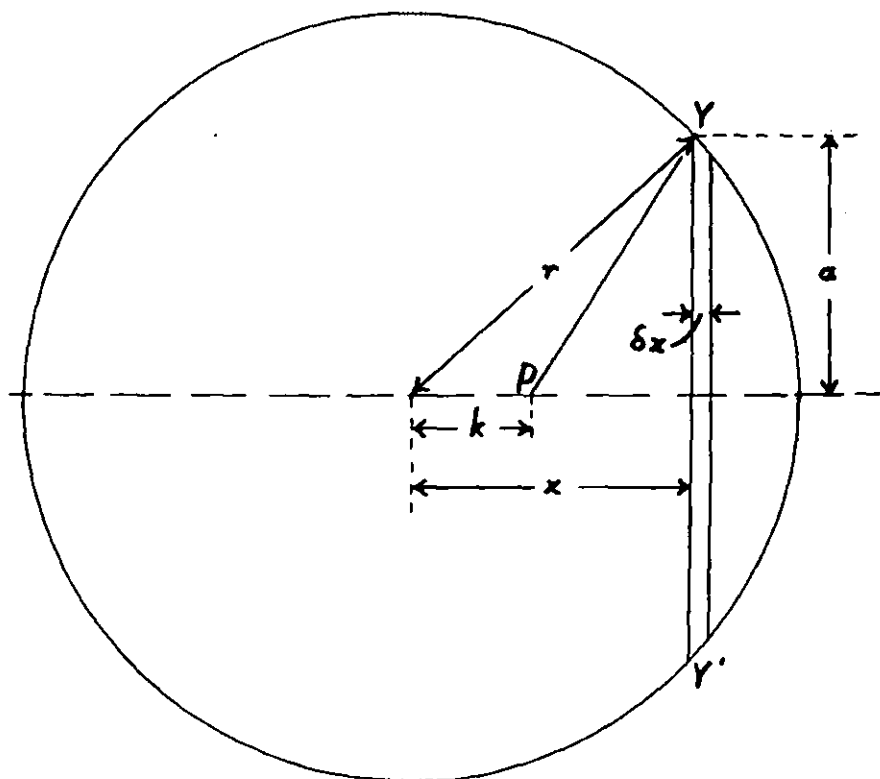
ACKNOWLEDGEMENTS

We should like to thank Miss Edwards for her initial work on the theory (which follows), Mr. Hands for his advice and suggestions, Mr. Marchington for his help in the construction of the solenoid, and the Governors of the school for sanctioning expenditure on a more sophisticated model.

Kirsty Hollway
Upper Sixth.

APPENDIX

It is assumed that a spherical solenoid is equivalent to a spherical current shell of uniform linear current density nl , so that n represents the uniform linear turn density of a winding carrying current I . The longitudinal component of a practical winding is ignored.



By symmetry, the axial field is directed along the axis (the broken line in the figure). Consider the element of magnetizing force δH produced at the point P by the typical current element YY'. By standard bookwork for the dimensions shown

It is assumed that a spherical solenoid is equivalent to a spherical current shell of uniform linear current density nl so that n represents the uniform linear turn density of a winding carrying current I . The longitudinal component of a practical winding is ignored.

By symmetry, the axial field is directed along the axis (the broken line in the figure). Consider the element of magnetizing force SH produced at the point P by the typical current element YY' . By standard bookwork, for the dimensions shown

$$\delta H = \frac{nI \delta x}{2a} \cdot \frac{a^3}{py^3}$$

$$\begin{aligned} &= \frac{nI}{2} \cdot \frac{a^2}{py^3} \cdot \delta x \\ \text{But } py^2 &= (x-k)^2 + a^2 \text{ and } a^2 = r^2 - x^2 \\ \Rightarrow py^2 &= r^2 - 2xk + k^2; \end{aligned}$$

Hence the total magnetizing force H at P is given by

$$H = \frac{nI}{2} \cdot J, \text{ where } J \hat{=} \int_{-r}^r \frac{r^2 - x^2}{(r^2 - 2xk + k^2)^{3/2}} dx.$$

J falls obviously into two separate integrals, of which the first is straightforward, leading to

$$J = \frac{2r^2}{r^2 - k^2} - J_1, \text{ where } J_1 \hat{=} \int_{-r}^r \frac{x^2}{(r^2 - 2xk + k^2)^{3/2}} dx.$$

J can be integrated by parts, letting

$$u = x^2 \text{ and } dv = (r^2 - 2xk + k^2)^{-3/2} dx$$

$$\text{This yields } J_1 = \frac{2r^2}{r^2 - k^2} - \frac{2}{k} \int_{-r}^r \frac{x}{\sqrt{r^2 - 2xk + k^2}} dx$$

$$\Rightarrow J = \frac{2}{k} \cdot J_2, \text{ where } J_2 \hat{=} \int_{-r}^r \frac{x}{\sqrt{r^2 - 2xk + k^2}} dx$$

J_2 also can be integrated by parts, letting

$$u_1 = x \text{ and } dv_1 = (r^2 - 2xk + k^2)^{-1/2} dx$$

This yields $J_2 = 2k/3$

$$\Rightarrow J = 4/3$$

Thus $H = 2nI/3$. This appears to be the magnetizing force at *any* axial point inside or outside the solenoid, since the original expression for δH appears to hold for external points also.

THE ANNUAL GENERAL MEETING 1969.

The meeting was held on Saturday 12th July at Nedham House, Miss MacLean taking the chair.

The meeting stood in silence in memory of Christine Bullock (Kerridge) and Margaret Laing (Gordon).

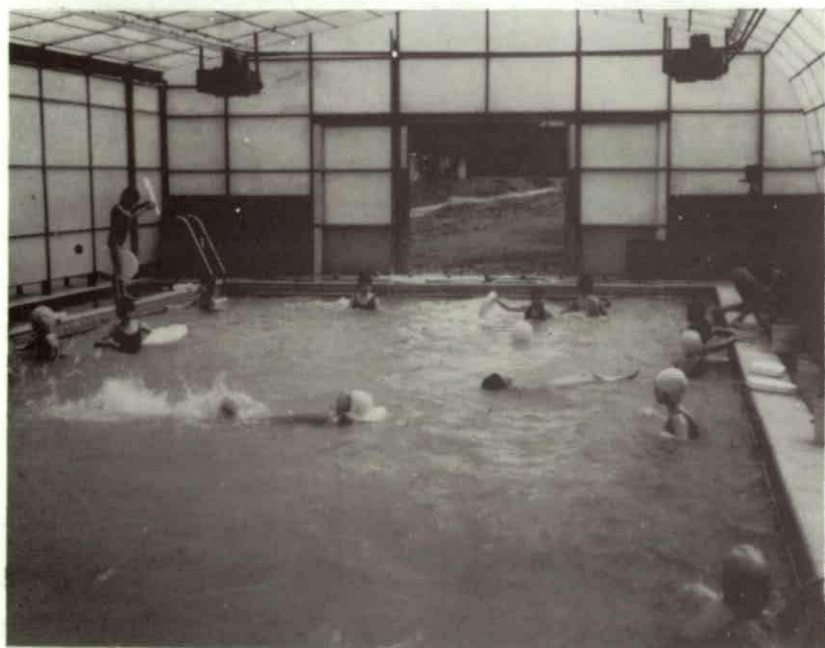
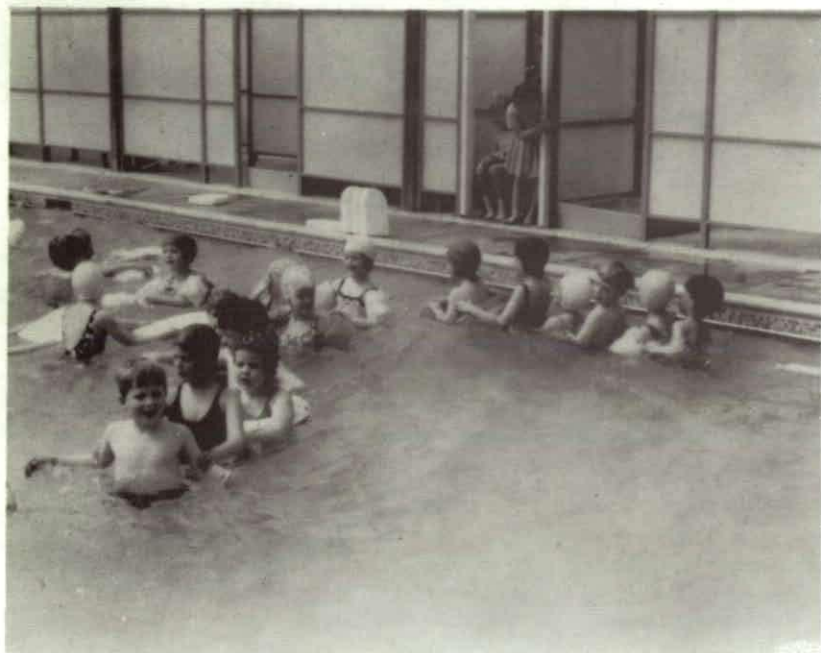
As the officers were willing to serve for another year, no change was made. Helen Davies, Rosemary Maddock, and Alison Little resigned from the committee and it was agreed that the committee should be increased to a maximum of 20. Marian Brown, Haf Griffiths, Joan Roberts, Gwyneth Guinn and Margaret Yorke (Longman) were elected on to the committee.

The Honorary Treasurer's report showed a balance in March 1969 of £120. 14s. 10d., a profit of £12. 10s. 9d., on the year's working.

During the year 1968 - 1969 £69. 6s. 0d., had been collected for Charities and £44. 4s. 0d., for the Day Memorial Fund.

In 1969 the Charities committee had decided that they would ask members to

The Swimming Pool





contribute only to the Phyllis Brown Memorial Fund to endow a travelling bursary, and it was reported at the meeting that £500 had already been donated for this purpose.

Miss Nedham was welcomed by Miss MacLean and members were delighted to learn that she had also been present at the dedication of the Brown Memorial garden at Nedham House earlier in the week.

With the fund collected by past and present pupils of Nedham House the rose garden had been repaved to the design of an architect father, Mr. C. Morris, and two seats bought to commemorate the work of Phyllis and Francis Brown for the Junior School.

Miss MacLean also spoke of the opening of the swimming pool, the abandoning of school hats in the summer, recent university successes, including First Class honours by Diana Bridges and Patricia Hough the achievement of the first tennis team in reaching the finals of the Northern section of the Aberdare Cup.

Gladys Phillips surprised and delighted the meeting by reciting an ode to Miss Nedham which she had composed in honour of Miss Nedham's visit.

Members were invited to swim in the pool before tea.

THE OPENING OF THE SWIMMING POOL

On Friday, June 20th, 1969, the Queen's School Swimming Pool was opened, exactly two years to the very day since the formation of the parents' fund-raising committee.

A large marquee was erected in front of the swimming pool and the guests were served with sherry before the ceremony began. There were many familiar faces to be seen, including those of old girls, and former friendships were renewed with pleasure.

Colonel W. E. I. Armstrong, the Chairman of the technical committee of fathers with expert knowledge, formally handed over the keys of the new building to Miss Phillips, Chairman of the governing body. Mrs. Tubb, Chairman of the fund raising committee, spoke about the many ways in which the money for the pool had been raised; she was delighted to announce that in the short time since the first idea was evolved of a swimming pool for The Queen's School, £18,360 had been raised. This was acknowledged as a really amazing effort and the work of the fund raising committee is to be highly praised.

The pool was officially opened by Mr. R. D' Bland, head of the Baths' Department of Liverpool Corporation. He was thanked, along with the committees, by Miss MacLean, and then Mr. Bland stepped into the new building.

Poised on the edge of the pool, waiting for him to enter, were Phyllis Preston and Elizabeth Cordery. On his entry they dived into the water and kept up a relay of swimming with Stella Preston, Patricia Jones, Christine Murphy and Dilys Jones, while the visitors inspected the pool.

This ceremony represented the work of many people who had given so much time and effort to the building and the financing of the swimming pool.

Those of us who can now use the pool regularly have much to be thankful for.

Pauline Beacham,
Upper Sixth.

ALONE

The overpowering heat from the oppressive glare of the burning sun had scorched the sand and rock of the Arizona desert so that it seemed about to explode into flame any second. The man had collapsed from exhaustion, hunger and thirst. All the moisture was drawn out of his body by the thirsting sun.

Now he is lying under the black, stormy sky, the bitter cold being too much to bear after the heat. He is waiting and dying. He has only a few hours longer to live and he knows it. He is completely alone and with black death creeping up on him, it is more than he can endure. He feels his life slipping away from him and he lets a small cry of fear escape from his lips. There is no one. A terrible emptiness envelopes him. He cannot sense life anymore, just lonely death. He strains to hear someone, but the uncanny silence only deafens him in a way that sends cold fear shivering through his dying body. A great wave of emotion sweeps over him. "O God, give me someone" he cries deep inside his heart. Only the mocking blackness of the desert and the dark silhouettes of the Arizona Mountains answer; laughing they call. "There is no one, no-one, for you are a dead man now".

Yet the man is not dead, for his last precious minutes of life are yearning for another being to talk to him, to console him and live with him while there is still a little time. His senses swim, his mind is in a turmoil and he fights unconsciousness. Then comes the calm just before death. Out of the depths of his mind, he hears voices: his brother calling him and his sisters teasing him. The loneliness is overwhelming, but as he listens to the voices from the past again, he feels happy for the first time. The voices are laughing, not at him, but with him. The laughing fades. The man gives one last, long look at the black sky. He smiles upwards and dies quietly, still smiling, still gazing upwards to the wide sky overlooking Arizona.

Jenny Whitcombe.
Lower IV T.

THE WIND

Spring wind, blossom blowing,
Summer wind, flowers growing,
Autumn wind, dead leaves rustling,
Winter wind, grey seas tossing.

Katharine Frood
Form I

COMMEMORATION DAY, 1969. Wednesday 21st May.

As usual, the service in Chester Cathedral was very moving, as pupils, staff, parents, and friends met once more to commemorate the founders and benefactors of the school and to recall the close ties which have been maintained between the school and the Cathedral.

The address was given by The Rev. G. Barlow, Vicar of St. John's Church, Chester, and also a member of the school staff. He preached on the subject, "What is Freedom?" taking for his text Exodus XXI, verses 5 and 6, "I love my master, I will not go out free, I will serve him for ever".

Most people, Mr. Barlow said, especially young people, long for freedom to escape the conventions of school and of society in general. He spoke of how God called Moses to lead the Israelites out of captivity into a life of adventure and freedom. Yet, after a few weeks in the blistering, waterless desert they turned, like so many people today, from the true God and made a god of their own choice.

We throw off one set of conventions and find ourselves shackled by others — the fear of being different, the power of advertisement, our habits. Inner chains limit our freedom, not outward ones; John Bunyan, though in prison was free to write "The Pilgrim's Progress".

Explaining his text, Mr. Barlow said that after serving his term a slave was legally free, but the slave in the text chose to remain and serve. The way to true freedom is through the bondage of self-discipline, by being willing slaves of the Lord we love.

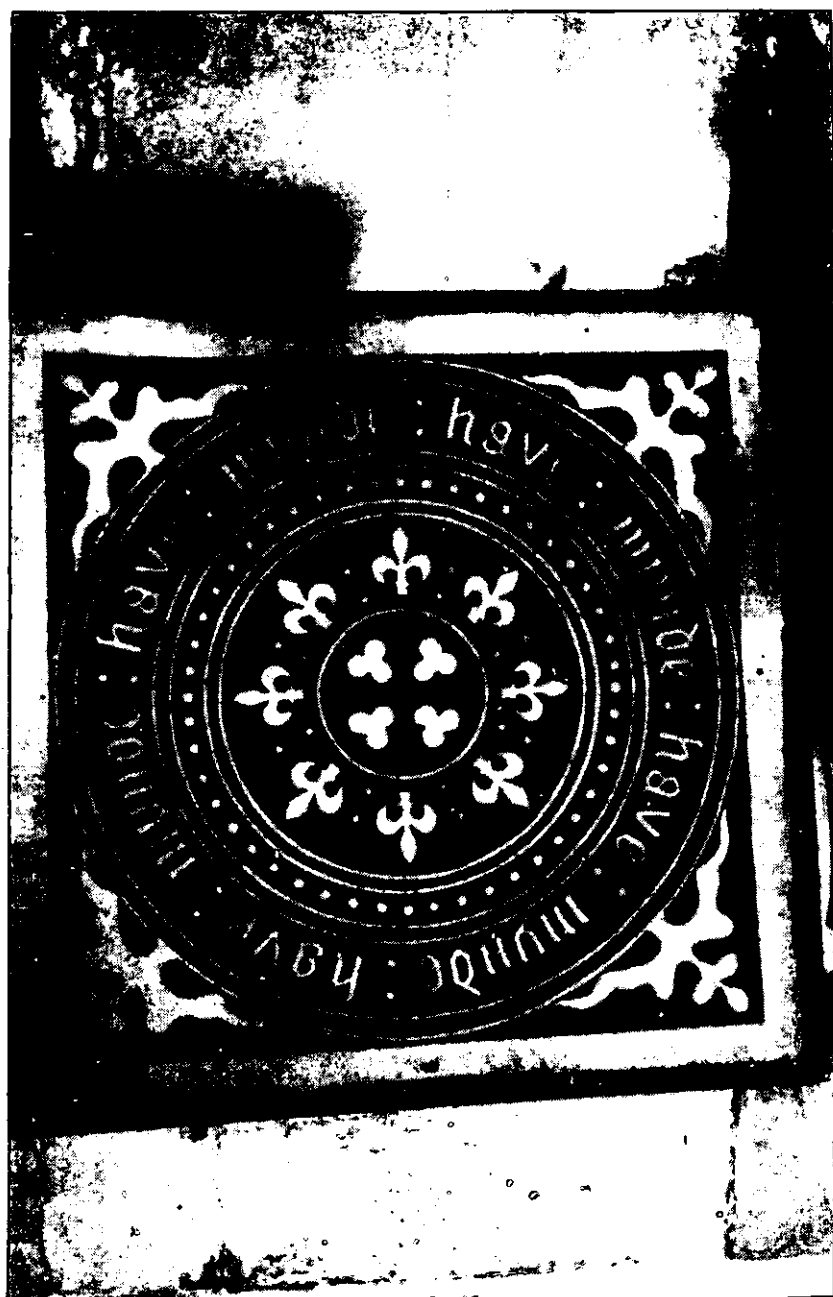
Christianity is not a set of rules. Christ did not say to Peter, "Are you going to keep my rules?", but "Do you love me?". We cannot tell what serving Him will mean, but we shall be free to love and obey God and to serve men.

Heather Crossley.

Upper Sixth.



Dr. P. T. Davies





Kirsteen and Stella with the solenoid
by courtesy of Liverpool Echo

HAVE MYNDE

I was very surprised, on my summer holidays, to find an inscription saying, "Have Mynde".

Last summer I was staying with my granny in Winchester. One day we visited St. Cross Church, which is part of St. Cross Hospital. Inside the church we saw a framed circular design with "Have Mynde" written all the way round. There was no title to it, but we thought it was probably a replica of something in the church. Eventually we found the original, protected by a square of carpet, in the floor of the transept. We were very interested in it and, although it was rather dark, Daddy took a photograph of the replica.

Back in Chester, we were very pleased that Will R. Rose managed to make a print of it.

Veronica Davies.
Form III Y.

Footnote — Mrs. Sandford saw this inscription in the Church of St. Cross in 1897, and decided to use it as the title of The Queen's School Annual. She wrote an article on it which can be read in the first volume of 'Have Mynde', which we have in the library.

WHITE FROM GREY TO BLUE

The snow falls out of a grey sky
down and down
covering the ground between
you and me
in a thick layer of white.

I sit here and watch it fall
and think of you.

I won't be ble to see you now
the roads are blocked
so...

I'll just have to sit here
and think of you
and watch the white snow
falling from the grey sky.

Janine Hurley.
Upper IV H.

THE FLOWER

The flower stands erect,
A beautiful gold, sunnyday colour,
Its petals open to me,
Its face to the sun,
Drawing in its rays and warmth.
And when the sun fades and the moon
Shines down with ice-blue rays,
The flower closes its petals,
Enfolding the warmth
To last the whole night long
Till the morning, when the sun
Will dry the dew and warm the grass,
And I will come again
To watch the petals unfurl.



Janine Hurley
Upper IV H.

Illustrated by Rosalind Phillips.
Lower Sixth.

'MEADWAY OF BOOTLE'

Trees, meadows, villages flashed past unnoticed. The driver was only aware of the wind in his face and the wonderful, powerful sound of his three litre engine, as he took the corner at seventy miles per hour. Next to him sat a beautiful young girl in a mini skirt, her long blonde hair falling about her shoulders like golden fire 'Albert! Wake up!' His big fat wife sat at the wheel of their ramshackle old mini van, frowning. His briefcase was flung at him, a strong hand pushed him out of the door, and the car was soon once again back amongst the crawling, fuming traffic. He straightened his glasses, secured his bowler, glanced at his watch, and minced up the back fire escape in the dark alley, up to his dingy office.

'Goodmornin', Sir', said Miss Fairbanks politely, and she took his hat and umbrella from him. Then Mr. Albert Meadway, manager of the 'North West Candlewick Trimmers Company', sat down at his desk, confronted by a large, sinister looking pile of mail, mostly bills. He groaned.

The warm sunlight was streaming into the stuffy room through the opposite window, and he began to feel drowsy. The buzzing and humming of the traffic below, and the continual clickety-click, clickety-click, bonk, of the typewriter keys under Miss Fairbank's nimble fingers had a rather hypnotic effect on him clickety-click, clickety-click, clickety-click, faster and faster! He jumped up from his shady seat beneath the spreading oak, and seized his rod, checking the line as it ran off the reel - Bonk! It was a big one! The frantic trout was like a splash of silver glinting in the sunlight. But the desperate fish was out to make trouble, it knew all the tricks. It first swam quickly up river, then took the angler by surprise as it swiftly turned back, past him, aiming to reach the shelter of the broken water below the pool.

Any other fisherman would have lost the fish straightaway, but Albert Meadway Esquire, standing so calmly, unperturbed, at the edge of the swirling river, played it like an expert. Soon he had netted it and it lay thrashing about helplessly at his feet. He stared into the settling ripples and saw, mirrored in the dark water a tall, muscular, handsome young man, wearing slick, black waders, and a soft tweed sports jacket The image faded, leaving only the coffee in his cup.

'Do have a biscuit, Sir!' persuaded his secretary. He wiped the steamed up glasses with his red spotted handkerchief; and replaced them on his oversized nose.

'Oh, thank you', he muttered, taking a dried-up chocolate biscuit.

'By the way, Miss Fairbanks, what time is my appointment with Mr. Richards this afternoon?'

She started to search through her untidy files, drawers, and lockers.

'Do you think it will rain?' he wondered, as he wandered carelessly over to the hat stand, and handed his black umbrella, swinging it experimentally Bonk! He sliced the ball off the tee and it sailed through the air, and landed seven hundred yards away, just about two inches from the eighteenth hole. He ambled over towards it, trundling his caddy cart behind him, clickety-click, clickety-click, bonk! He pulled out a putter and with the greatest of ease and his usual amazing grace he popped the ball into the hole.

'Well done! You're marvellous!' admiringly exclaimed Tony Jacklin, who suddenly appeared from nowhere, 'I couldn't have done that myself'.

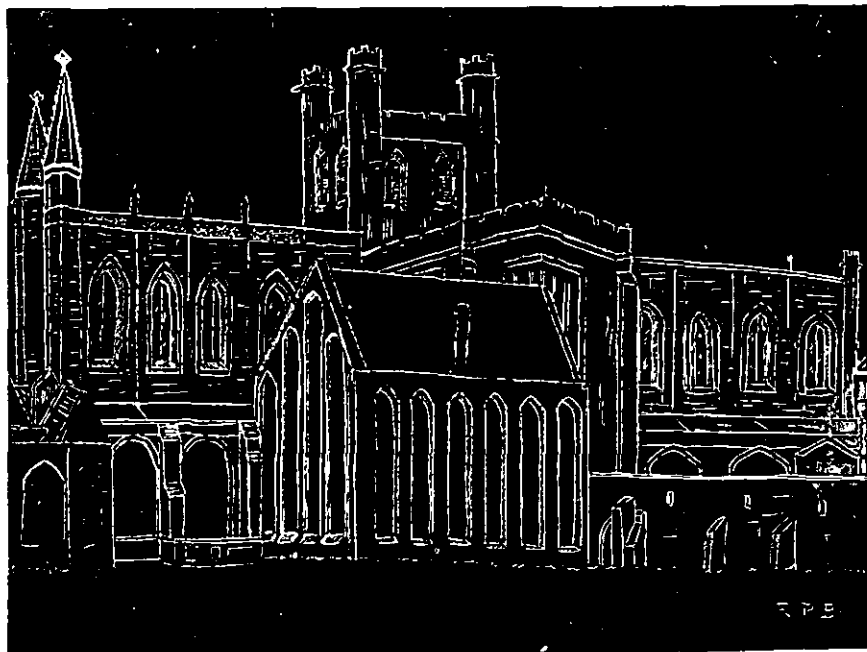
'Oh, it was nothing really!' he replied modestly. Suddenly there came the warning cry from a player on an adjoining fairway, 'Fore!' Albert Meadow shamefacedly got up from the carpet, realising that his secretary had just informed him of the time of his appointment.

She handed him his hat and umbrella. 'It is now four o'clock', she explained.

He quietly tidied himself up, and looking composed and most business-like, he stalked out of his little office and trotted down to the bus stop, no doubt still in a world of his own. Miss Fairbanks smiled fondly as she watched the disappearing figure, marching briskly down the road, shouldering arms with his umbrella.

Judith Allen.
Upper IV B.

Rosalind Bester Upper 1VH



NIGHT AND MORNING

Blue sky—

dark silk blue at midnight

With the pale clouds scudding, wind-drifted,

Over the face of the moon
that is ringed with rainbow.

A single star blossoms

Like a silver flower
above black chimney stacks.

See through the curtains
the swift white clouds

Drawing a shifting veil
over the dusk-skinned, silver-eyed night
And on the floor there are squares of moonlight.
Listen to the sobbing of the night
and the whip-branch wailing of the wind.

Pale blue, periwinkle
sky of cotton-cloth

Cut to the shape of the high, arched windows,
Chequered with lead,
criss-crossed with twig-tracery.

On the calm stone floor
the slatted sunlight lies,
Cool spring sunlight, a bright clean cloth
Spread on the altar, where
the silver cross blossoms

Like a star
above tall pale candles
And the wax goblets of Easter lilies;
daffodils, sun-yellow.
Listen to the dim hum of traffic,
to the squeaky twittering of sparrows,
to the silence.

Philippa Donald.
Upper VI.

THE LION

"Poor old fellow,
Off his food again."
"Mummy, look at the lion!"
"Don't touch, dear.
He's going to have his dinner."
He stares sadly listlessly,
At the lump of pre-packed flesh.

No more for him the oppressive silence of the jungle,
The twinkling stars in the velvet sky,
And on the air, a whiff of prey.
Pad, pad, pad.
He prepares to pounce,
His every nerve alive.
His victim screams and wails
As it is mangled in his capacious mouth,
And everywhere is the glorious stench of blood,
The steamy heat,
And he, Lord of Creation.

"No, Johnny, he'll bite."
"Pooh, he won't. He's only like our Rover."

Lord of Creation,
Lord of the Jungle.
He emits a full-throated roar into the night;
Its echoes die away,
And, once more,
The monkey begins his ceaseless chatter.
The parrot shrieks,
The leopard pounces.
He pads to his den with a full belly,
Lashing the air with his tail.

What future here?
"Mummy, look!
He's goin' to sleep."
And in his smelly cage,
Littered with sordid relics,
The Lord of the Jungle
Rests his glorious head on his paws
And settles to his last sleep.

Elizabeth Munday.

Lower V B

Illustrated by Nicola Palin,
Upper VM



THOUGHTS IN AN EXAMINATION ROOM

The formality of the affair is what worries me.
All is silent
Except for the clatter of pencils on the desks
And the scratch of nibs.
Occasionally I glance furtively around me —
Someone grimaces at me:
This is a relieving sign,
They are finding it just as hard.
Tension fills the air.
Someone turns a page.
The rustling is a friendly sound.

Five minutes to go.
I panic.

And then the dreaded bell breaks the silence:
Everyone gasps,
But not with relief,
With disbelief:
It can't be the end already!

Janine Roberts.
Upper IV B.

CHARLIE THE CAT

Did you know that Charlie the cat
Got himself a nice new hat?
It really did look rather nice
Until he chased away the mice.
Down the stairs he ran like mad!
(Sometimes I do think cats are bad).
He almost caught one with his paw
But then he bumped into the door.
Poor old Charlie smashed his hat.
He picked it up and said, "That's that!"

Emma Dickinson.
Aged 7.
Transition.
Illustrated by Joanna Collicutt.
Lower V B.



CULTER FELL VISION

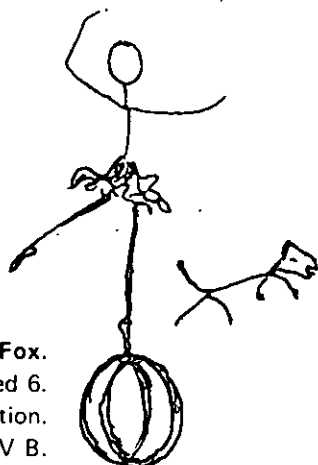
Upon the misty coasts
Of Culter Fell
I wandered with the wind;
I knew it well
Outlined in black
On ashen sky,
Governed by deadly coven
Of evil eye.

Then I rode
On magic carpet of heather
To Ettrick Pen;
I glimpsed the truth,
But then it ran before me
Down never ending paths –
And I followed,
And down to elvish Mynydd Precely,
I wandered amid
Clouds of flaky amber.
Down, down I fell
To where the battle waged well
And sun was blotted out by
Darkening sky,
And wild delirium blew my mind;
I screamed one rending scream
Inspired by ancient elves, long dead;
"A Elbereth Gilthoniel"
Then came the ghostly riders,
Shouting the blood cry of Rohan
That smote the cool night air,
Like drum beats;
No man had seen the riders since
Before the wars
From Rohan they came,
And there they returned
When all was well.
Yes, I dreamt my holy visions well.

Lynna Tonge
Lower V.B.

A LADY

There was a dainty lady
Who was balancing on a ball.
A dog came up and bit her,
And backwards she did fall.
But when she had recovered
The dog had gone away,
And so the pretty lady
Stayed balancing all day.



Catherine Fox.

Aged 6.

Transition.

Illustrated by Elizabeth Munday, Lower V B.

THE WIND

The wind blows you and the wind blows me,
The wind blows the grass and the wind blows the tree,
The wind blows everywhere with me.
The wind blows over sea,
The wind blows over land,
And the wind blows over me.
But you cannot see the wind that blows free.

Margaret Hardwick.

Aged 6.

Transition.

MICE

I think mice
Are rather nice,
 Their tails are long,
 Their eyes are small,
 They haven't any chins at all.

They run about the house at night,
And nibble things they shouldn't bite.
Nobody likes them much —

But I think mice
are nice.

Tina Smith,
Form II

The following limericks were inspired by a speaker at a "German Day" who suggested we try to invent some to practise German.

1. Ein Physiker namens Herr Hands
Machte Forschungen mit einer Gans:
Er sagt' "Eins, zwei, dreil!"
Fand ein goldenes Ei
Und vor Freude er macht' einen Tanz!
2. Ein sehr schönes Fraulein Miss Morgan
Ist ganz überlastet mit Sorgen.
Ihr Pelz ist verschwunden
(Und noch nicht gefunden) –
Sie muss einen anderen borgen!
3. Eine wirklich merkwürdige Kuh
Bei Tage sagt nichts ausser "Moo!"
Das allein ist kein Wunder,
Aber hör mal die Kunde!
In der Nacht läuft die Bestie Rollschuh!
4. Ein Mädchen, einen Mann zu vergessen
Fing an viel zu viel nun zu essen.
Mit Kartoffeln und Brot
Sie ass sich ganz tot!
Jetzt liegt sie im Friedhof in Hessen.
5. Ein Mädchen von Frankfurt am Main
Hatte viel zu gern Piesporter Wein.
Sie trank eine Flasche
(Steckte zwei in die Tasche)
Und sagte "Ich fühle noch fein!"
6. Es lebte ein Fraulein in Trier
Die bessas ein merkwürdiges Tier,
Sein Fell war ganz nackt
Und das ist ein Fakt!
Und er spielte sehr gerne Klavier.

1 and 2 by Claire Bottomley and Pauline Beacham.

3 and 4 by Pauline Beacham.

5 and 6 by Claire Bottomley.

Upper VI.

A VISITOR'S IMPRESSIONS

After I had arrived in Chester, the first thing I wanted to know as quickly as possible, was about school. Here I found that many things were different. Perhaps you will be interested to hear how our schools differ from yours.

First, the school day. It took me quite a long time to get used to it. The number of lessons was nearly the same as in Germany, but we have school only in the mornings. We start at 7.40 a.m. and we usually finish at 12.20, but some days we finish at 1 o' clock. The times includes two breaks of 20 minutes in which we can go out into town or not. After our last lesson we can go home. It does not matter if this is at 11, 12, or at 1 o' clock. On the other hand we work on Saturdays. But there is no homework on his day. One thing I liked about attending an English school was that I could sleep much longer in the mornings than at home, and I also experienced my first school dinner in England.

The wearing of uniform made school seem quite different. We do not wear any uniform in my school or in any school in Germany.

Unusual for me were also the prayers every morning in the hall with the whole school together. At our school we have a short prayer before the first lesson, but only in our form room with our class.

One thing that is really different, are the examinations. We have no examinations at the end of a school year or in the fifth or sixth forms. We have only one really big one after nine years at the high school. It is called the 'Abitur'. This is the highest level of general examination.

But during the term we have seven or eight big tests in every main subject, when we write in special text books. In the other subjects it depends on the teacher whether we have tests or not.

There was one thing I missed in English schools. Every year we have one big school journey during the term. As one gets older one goes on longer journeys, even abroad sometimes. We always go with the whole form together.

I enjoyed my stay in England very much and I made some new friends. One day I hope to come back to Chester and to renew my memories.

Till then I can only say,
'Auf wiedersehen, Chester.'

Evelyn Wurster.

*We were pleased to have Evelyn with us for the spring term; she worked with Lover VM and stayed with Penelope Shell.



THE QUEEN'S ENGLISH

A bench :- A device on which to ladder your tights.

A chair :- Six pieces of wood joined in awkward places.

"I have forgotten my book."

= "I did not do my homework."

"I have forgotten my book. Please may I share?"

= "I want to play hangman with my neighbour."

"You must have fresh air at break."

= "I am a sadist and I enjoy watching you freeze."

"I am sorry I am late."

= "I wish I were later."

"I am sorry I am late. The bus went early."

= "I overslept."

"Please may I go to the sick-room?"

= "I think there is a history test next lesson."

"I do not understand that."

= "I was not listening."

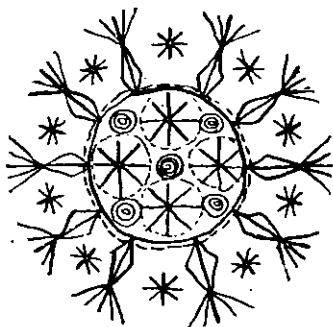
"No, you have not told us about Versailles before."

= "You have — four times — but we want to get you off the subject again".

"You volunteered."

= "Your worst enemy said you would do it."

Lower V B.



MEMORIES

I put my hand out and touch the rough bark of the oak tree. Memories came flooding back to me. I can remember distinctly the many times when I had climbed the tree with my brothers, laughing and happy. We used to play in it all day, reluctantly stopping for a meal, and quite annoyed at having to go in to bed. At first my mother was worried about us, but she gradually got used to us climbing about the tree, and swinging from branch to branch like monkeys.

In the summer we would play "hide and seek" in the tree, hiding amongst the foliage. When it was time for us to go to bed, we would remain perfectly still while our mother called us again and again. When she went in, we would come out of hiding, and sit there giggling amongst ourselves until nightfall, when we would run in gladly to the light of the house.

In autumn we would put a hand out and try to catch the falling leaves, seeing who could catch the most. I was frightened to hold on with one hand, so when no-one was looking I would pick a few off the tree, thus forming my pile.

In the winter, when the tree was bare, and it was cold, we put on our bobble hats and matching scarves, and when our mother was out we would take a ball up into the tree and play "catch". We became more daring as time went on, and we played "piggy in the middle", sitting astride a branch, holding on with our legs.

My brothers didn't mind me joining in their games, but when their school became co-educational they felt superior and wouldn't let me play with them. I used to stand at the bottom of the tree and watch them climb to the topmost branches and hold on with one hand. They would jump from a branch to my feet and call me a sissy.

So one day I jumped from the table as soon as I had finished eating. I raced outside to the tree, my brothers in hot pursuit. Nimbly I climbed to the top of the tree, and with my eyes shut, determined to prove my equality, I flung one hand out into space. My brother shouted something - I looked down: my hand slipped, and I fell. My fall was broken about halfway down by a branch. It snapped, and with my legs bent beneath me I fell to the ground---

Anne Kendall,
Upper IV B.

THE SNAIL

Her slim, slender body slipped silently
Out of a coiled, delicate film of shell.
Her tail appeared,
So it too felt the cool, crisp breeze of early morning.
She leaves behind a transparent trail
Which glistens in the early hours of the day.
She lowers her head on a juicy, fresh leaf
And starts to eat with tiny bites,
Just a thread at a time, but if we wait a while
A clover leaf has disappeared which was there before.
Nearby is a grass stem holding some water in a hollow.
She slowly sips the clear, cool dew,
Careful not to wet her white, milky body.

But now the sun is at its highest
And the heat warms the earth, for it is noon.
Slowly she makes her way to the nearest cool, shady leaf
And creeps under, for protection.
Carefully she withdraws her slim, slender head
And her pointed tail
Till they can no longer be seen.

Diane Stalker.
Remove K.

A SHRIMP

I'm a little shrimp,
Swimming in the sea.
There's a three foot trilobite,
That's the end of me!

A Trilobite.
I'm a three foot trilobite,
Swimming in the sea.
There's a little shrimp.
I'll have it for my tea.

Charlotte Hess,
Form II

DIVING

There I stood — my legs were shaking,
Looking down into the water,
Whirling, silent, rippling water.
Then at once I plucked up courage,
Held my breath and then jumped downwards.
Through the air I fell so quickly.
All at once I landed loudly —
Water splashed in all directions.
Groping round I found a foothold,
Climbed the ladder, jumped again.

Tracy Hetherington.
Lower IV W.

THE CANDLE

That sleek smooth stick, like a white finger pointing to the sky,
Its wick like a long, thin talon,
Silent,
Still,
Until the splutter of a match gives it life.
Will it die, that small blue flame that struggles for life?
No — it grasps, it catches, grows and swells,
A yellow tongue of radiant light.

Diana Silvester.
Remove K.

THE FROG

The sharp, silver sunlight shines, gleaming on their black eyes, until a person comes by. The frog sees the giant move, and swims down to the bottom, smoothly. When the giant moves away the frog comes back to the surface smooth. Coming back he stretches thin, then wide, then thin again. His throat gives a croak, and he stares with his staring eyes.

Rosemary Lean.
Form II

DESOLATION

It was an evil place
Set in the middle of the sunlit Cheshire fields.
A wide expanse of shadowed, tainted moor.
In the centre was a lake, grey harsh and sullen,
With a square brick roofless building
In the middle. Beyond the lake, up a slope towards the sky
That always seems dark, heather straggled,
Dying, cheerless, no longer flowering.
In the background, where the yellowed weeds met the sky,
The roof and chimneys of a building were silhouetted.
Men had made and tried awful weapons there,
During the war.
They hid it from prying eyes with a belt of trees,
But not from their consciences, the awful stricken wasteland,
Heather silent and desecrated.

Anne Claxton.
Upper IV B.

THE SECOND CONQUEST

A hideous scream rang out across the mere.
It came again, and echoed through the night,
Then nothing but a silence, full of fear.
The magic sword had won a mortal fight.
Brave Beowulf had dealt the fatal blow
Which cleft the hideous skull in equal parts.
The sea-hag lay dead, killed in all her woe.
Her son was dead, unsaved by all her arts.
Two monsters had been killed that fateful way,
From Hrothgar's hall all evil had been purged.
On Herot the hart dawned a new day;
The people freed from fear outside had surged.
Alone on misty fens two vultures stood:
They waited for a feast of evil blood.

Janet Palin.
Lower V B.

Footnote:

- * This poem retells part of the Anglo-Saxon legend of Beowulf, a warrior-prince who was said to kill the man-eating monsters, Grendel and Grendel's mother.

THOSE TWENTIETH CENTURY RELICS!

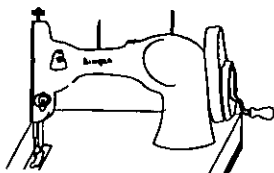
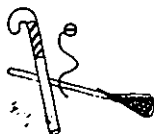
During an archaeological expedition to the Old World many artefacts have been found which have cast further light on the primitive people and their way of life. The main excavation was in the north west of a small island. The temple we excavated was situated in a small city and originated from about the year 1870.

Here are a few of the chief finds relating to the people who inhabited this area and worshipped in the temple.



Note the classic lines and simple engraving of the carving of this god. This effigy is surrounded by the graves of those who dared to ascend the flight of stone steps and look at his awful face.

Hand carved clubs of various sizes and styles. Tribes must have fought incessantly with them as they are very worn down. Circular object (yo-yo) in top right corner was equipped with string so it could be retrieved after battering the enemy.



Inside the remains of a wooden container was a device whose function mystified us. The theory that it was used as a sort of whirring accompaniment to chanting voices is supported by the discovery of the fact that the inscription could mean this and that several of these objects were found almost next to the room where (according to some theories) daily chants were sung to the gods.

Into this rectangular object a privileged few could pay direct tribute to their own god by putting in a small coin with the god's head engraved upon it.



Ruth Sladden.
Lower V B.

Illustrated by Patricia Jones and Gillian Bradshaw, Upper Sixth.



Patricia Parkin Lower 1 VW

**ON SEEING A BOX LABELLED "LIVING FISH"
IN THE ENTRANCE HALL.**

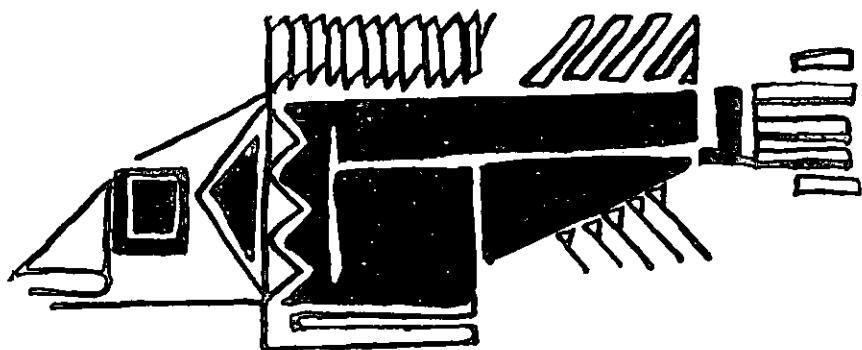
Who has ordered "living fish"
By land, air, rail, or sea?
Who dares to carry life away
From home in pond or sea?
Who, or what inside this box
Survives? . restrained amphibii?

By fell hands these swimming fish were caught,
By fierce van-drivers they were brought
To Chester old and Roman town.
T

And then these fish (species unknown)
Only to us in school are shown?

**Deborah Ann Tubb,
Upper IV B.**

**Illustrated by Averil Brian,
Upper Sixth.**



LAHORE.

In the streets the air hangs heavy,
Thick with the clamour of thronging men and animals,
Squealing brakes and the clatter of horses' hooves,
Men cursing, children screaming, goats bleating,
And cow bells, camel bells, bicycle bells and honking motor horns,
Thick with the dust of unswept streets in two thousand years of
history,
Thick with flies.

Aloof from the jostling throng below,
Looms the great bulk of the old fort,
Stolid and square, pink and white against a shimmering sky,
Brooding but confident.
Cooler up there perhaps?

In the street the heat is over-powering.

Janet Miller.

Upper IV B



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'A Fly's Leg', photographed by Patricia Renkin, Lower IV W

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