

And so another school year comes to a close. Every pupil will have his or her own particular memories: trips undertaken, perhaps residential visits, involvement in extra-curricular activities and House events – and hopefully achievements in academic work. There have been many School highlights, such as sport (e.g. the First XV Daily Mail trophy successes), drama (*Cinderella* and *The Haunted Cabin*) and music (*Carmina Burana*). I thank students and staff for their efforts and wish all a relaxing and enjoyable summer holiday.



#### **Accommodation for Foreign Language Assistants**

Our language assistants, Fabien (from France) and Sebastian (from Germany) will arrive in England towards the end of September. They plan to rent a flat or house together but need somewhere to stay for their first few days whilst they look for something suitable. If you would be willing to accommodate either or both of them on a temporary basis as paying guests or if you know of any longer term options, please contact Mr Gregory (Head of MFL).

#### **Staff Changes**

We bid farewell today to the following members of our teaching staff: Mr. Bridges (English), Mr. Higgins (Chemistry), Mrs. McRitchie (Biology, PSHE) and Mrs. Wardle (Biology, Chemistry).

We look forward to welcoming new teachers in September: Mrs. Brookes (English), Mr. Crawford (P.E., Cover), Mrs. Glover (R.E.), Mr. Marks (P.E., Cover) and Mrs. Woodgate (Biology).

#### **Y10 Geography visit to University of Gloucestershire**

The Geography department has developed links with the University of Gloucestershire's Geography and Landscape Planning departments. This started last year with a number of our students visiting an exhibition of pupil work. The link has developed further this year and our three classes of GCSE pupils in Y10 had the opportunity to attend two workshops studying the urban growth of Gloucester.

In the first workshop students used Geographical Information System (GIS) software to study the patterns of Gloucester's growth. This was a fantastic session giving pupils detailed knowledge of GIS, a rapidly developing field of Geography, as well as supporting the demands of their GCSE syllabus. In the second workshop pupils studied areas of the city that were available for redevelopment such as the 'railway triangle' and presented ideas on how these areas could be utilised effectively.

This is a fantastic new link and the Geography department are very grateful to the staff of the University of Gloucestershire who put a significant amount of effort into ensuring the workshops were a success.

#### **Nearly New Uniform Sales Future Sale Dates:**

**Monday 14 September 2009  
6:30 - 7:30pm**

All items to be sold need a sales slip - obtainable from the School Secretary or can be downloaded via the Parents' Association area on the school website. Please complete and return slips with items for sale to the School Secretary. Items can also be donated so that all proceeds from the sale go to the school.

**For further information, or if you'd like to help  
with Nearly New Uniform please contact:  
Julie Goble on 01452 612043**

## NewsREEL

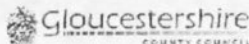
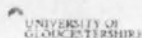
**PGL Osmington Bay 8-10 May 2009**

Taking part in the annual ICT trip to PGL were nineteen Y8 students, rather than our usual fifty-plus students; yet another effect of the credit crunch? Anyway, Mr Lewis and Mr Dempsey were determined to make the best of it. After arriving on Friday, the boys tried their hands at climbing and abseiling before trudging all over the Dorset countryside on a night hike. Here, we braved the dangers of Thomas Hardy's cat's heart and the infamous Dorset drop spiders!

Saturday saw the boys complete their first ICT task, making robot vehicles negotiate tasks and tracks. STRS students distinguished themselves in getting further than any group they'd ever seen before at PGL, well done! Students also got the chance to pretend to be Captain Jack Sparrow in fencing and Jensen Button on the quad bikes. We were also treated to games on the spectacular beach and stories about the "strange going-ons" on the Isle of Portland – don't mention "rabbits", ever.

Before returning home on Sunday, the boys completed an ICT design task and threw themselves down the enormous zip wire. Lots of activities and at least some sunshine, everyone enjoyed themselves and students behaved superbly.

**D A Lewis and D Dempsey**



## Inclusive sports and physical activity sessions during the summerholidays 2009

### Cotswold 4us2 Multisports

**Dates and Times:**  
 August 4<sup>th</sup> 10am – 12noon  
 August 11<sup>th</sup> 1pm – 3pm  
 August 18<sup>th</sup> 10am – 12 noon  
 August 25<sup>th</sup> 10am – 12noon

**Venue** – The Cotswold School in Bourton on the Water (fully wheelchair accessible with flatbed changing rooms and hoist facility)

**For Who:** Children and young people with a disability age 7 + , siblings and friends.  
**Booking Details** - For enquiries please phone Claire Dowan 01285 823566

### Gloucester No Limits Multisports Club:

**Dates:** July 31<sup>st</sup>, August 7<sup>th</sup>, 21<sup>st</sup>, 28<sup>th</sup>  
**Venue:** University of Gloucestershire, Oxstalls Campus, Gloucester GL2 9HW  
**Time:** 1-4pm  
**For Who:** Children and young people with a disability age 7 + , siblings and friends.  
**To Book a place and Further Information:** Anne Andersen 01242 715201  
**Email:** [aandersen@glos.ac.uk](mailto:aandersen@glos.ac.uk)

### Forest Of Dean:

**Forest Pulse Playscheme:**  
**Venue and Dates:** Heart of the Forest for four weeks from Monday 20th July to Friday 14th August. This will be open to any young person with a disability aged 4-18 years who lives or attends school in the Forest of Dean. Their brothers and sisters are also welcome if they are within this age range. Contact: Pam Jones 01594 826357  
**Email:** [ForestPulse@live.co.uk](mailto:ForestPulse@live.co.uk)

### Cheltenham Junior Multisports Club:

**Dates:** August 6<sup>th</sup>, 13<sup>th</sup>, 20<sup>th</sup> and 27<sup>th</sup> from 9am – 12.30pm  
**Venue:** Leisure@Cheltenham  
**For Who:** Children and young people with a disability age 7 + , siblings and friends.  
**For Further info please contact:** Chris Peach: 01242 264324 [chris.peach@cheltenham.gov.uk](mailto:chris.peach@cheltenham.gov.uk)

### Stroud: Ability Club for Everyone A.C.E

ACE multi sports club are organising activities during the holidays for more information please contact Richard Barnes on email: [Richard.barnes@stroud.gov.uk](mailto:Richard.barnes@stroud.gov.uk)

For Generic information please contact Active Gloucestershire :  
 Anne Andersen  
 Tel: 01242715201 email: [aandersen@glos.ac.uk](mailto:aandersen@glos.ac.uk)  
[www.acnvegloucestershire.org.uk](http://www.acnvegloucestershire.org.uk)

## NewsREEL

## House Drama

Mr Lynch and Mr Crumblehulme were honoured to be asked to judge this year's House Drama competition. All houses had worked hard in different ways to perform four very different pieces of drama. Southgate won the competition with their excellent piece by Willy Russell. Set in a nightclub, they told the story of a 'hen' and a 'stag' before the wedding day. Each had a different, yet comical, perception of what married life would hold for them! The whole cast and crew were excellent in the pace, projection and interpretation of the piece. Southgate's performance also produced the best actor and actress to be chosen from the competition; **Chris Goodwin** and **Hannah Silcock**, who both gave outstanding performances.

Westgate came second with a piece about tensions in relationships reaching their peak at a Halloween Party. Again, the acting was very good from this house, although too many distractions on stage and problems with projection meant that Westgate were not as strong as Southgate. Eastgate performed an interesting piece about the many ways a village could entertain itself following a power cut. This house was the only one to make much use of students from different years and the performances of younger students were impressive. Unfortunately, the piece did not hold well together and so they slipped into third place. Finally, Northgate had suffered many problems leading up to their performance and, on the day of the competition, rallied round to organise a script, cast and crew. Although they worked very hard to produce a piece, their lack of time meant that the piece was not strong enough to compete against the other houses that had had more preparation. This put Northgate in last place. Mr Lynch and Mr Crumblehulme would like to thank all students that participated in their house pieces and congratulate Southgate on their triumph.



S J Crumblehulme

## Cabin Fever

I admit, a theatre-goer I am not, (in fact, it had been long over a year since I last saw a curtain fall) but nonetheless, school-pride (and a good night out) drove me to see *The Haunted Cabin* during its four-night-run at the New Olympus Theatre in Gloucester. The play was originally a school production, yet from the moment the audience quietened and the curtains parted, it became clear that this certainly was not amateur.

*The Haunted Cabin* is, from the start, a chilling tale of hikers stranded in a mountain lodge, but soon we learn that it plays hostel not only to them, but also to the dead. As fear grips the characters and tension rises, we see the effects of cabin fever tear through the relationships of those waiting out the storm. It is at times funny, with comic relief from the ignorant and selfish, and at others disturbing, as deep moral issues are tackled.

Overall, I am sad for those who missed what was a very well written Lynch and Crumblehulme production; incredibly well performed, creative, insightful, and of course, immensely enjoyable. I believe another production is in the pipeline, and I just can't wait. Who knows, the next venue might well be in the West End.

A Grateful Pupil



# NewsREEL

## Sixth Form Induction Week

This year's Sixth Form Induction Week was held between June 29 and July 3, with one hundred and eight prospective new Y12 students signing up for the programme.

The planned activities began in an entertaining, but thought-provoking manner, with the return of David Keeling from Independent Thinking, who gave a talk on what it means to be a Sixth Form student in the 21st Century. There can't be too many presentations where the whole audience is encouraged to jump and clap in unison, or to massage their neighbour's shoulders. I expect everyone who attended will also still remember the memory demonstration, including the teapot, the rugby ball and the cheese! The second session on Monday encouraged the students to talk to one another in small groups in order to solve a series of puzzles, which were designed to test different areas of the brain.

The most popular activity was based in the Wilderness Centre near Mitcheldean, where groups were challenged to complete four problem-solving physical challenges, involving swinging from trees, stacking crates whilst standing on them and exploring tunnels on hands and knees. Each group was given a score based on how well they completed the task and how well they worked as a team. The Wednesday group ran out the eventual winners, but everyone agreed it was a great success. There was even a request to make the day longer, with more challenges included.

Meanwhile, back in school, another challenge set for the students was to create a virtual newspaper from scratch in a day. During the morning the groups of six students had to agree on their roles before choosing what type of newspaper they were going to produce. They then used wi-fi laptops to research and write a series of articles before preparing their work as a Powerpoint presentation. The results were presented to the other groups during the afternoon.

The week concluded with a series of extra-curricular 'taster' sessions, designed to give the students a flavour of the type of activities they might get involved in next year. These ranged from sports such as football and rugby, to table-tennis, drama and music and should ensure that life outside the classroom remains as varied and interesting as it has been in the past few years.

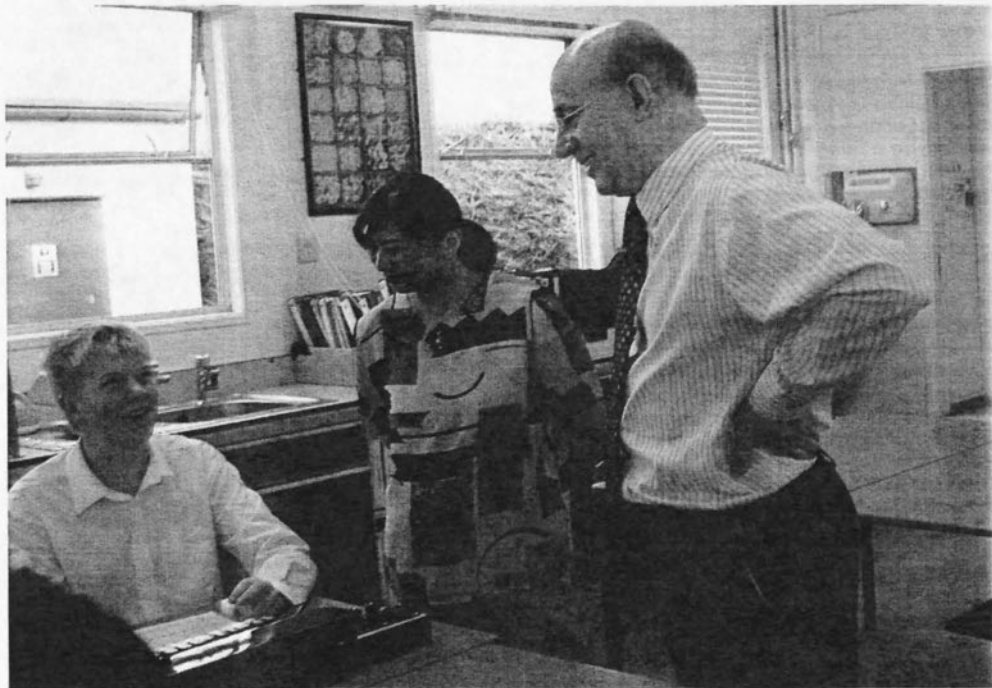
Refreshments were laid on afterwards as a reward for the excellent efforts of the students, both that morning and during the rest of the week. Once again, it was their positive approach that ensured the week was a success. They can now go away for a few weeks rest before GCSE results day, which will hopefully be the precursor to a challenging and enjoyable two years in the Sixth Form at Sir Thomas Rich's.

**RJ Lockey – Head of Year 12**



## NewsREEL

## Music Department



Well done and thank you to **Lucy Watson, Georgina Smith, Joshua Reid, Nathaniel Hitchings, Joe Coxson, Alec Negus, Oliver Peel** and **Harison Hunter**, all of whom performed either as soloist or duettist or both in the vocal concert last Thursday (9 July). It was a great success. My thanks also, of course, go to Mrs Chris Savage for her tuition, encouragement and enthusiasm.

Congratulations to **George Davies** and **Matthew Gamble** who both recently took and passed flute and saxophone exams and to those others who have also taken exams in the last two weeks but haven't had their results – fingers crossed!

By the time you are reading this, the Summer Concert will also have taken place and I would like to praise all who took part. As usual, the concert involved pupils from Y7 -13 plus staff, outside teachers and parents, who played and sang music of all styles and moods to an appreciative audience. I would like particularly to thank and wish all the best in their future careers two members of the Upper Sixth, **Lucy Watson** and **Ellis Thompson**, who have freely given so much of their time at Rich's to playing, singing, composing, arranging, directing and generally being 'available' for any musical project at the school.

I look forward to Autumn 2009 and the prospect of new members joining the choir, orchestra and the various bands and groups for further music making, musical enrichment and above all, enjoyment. Please note the dates on the back cover of 'Christmas by Candlelight' and the two annual Carol Services at St John's Northgate St and St Catharine's.

J W Thompson

# Sports REEL

## International Climate Change Competition Awards

The Climate Challenge Team consists of four Y7 students: **Jack Abbey, Macaulay James, William Nunn and Tyler Wells**. After an in school competition we became the winning team representing the school in the national challenge.

We were one of three Gloucestershire schools who were runners up and therefore invited to present our work and take part in the conference in London on 2 July at the Royal Horticultural Society Halls. We listened to Jonathan Porritt, the guest speaker explain his solutions to climate change. It was inspiring, showing what we, as young people and the next generation can do to solve global warming.

**Jack Abbey**



We managed to get to the Change Makers conference because of the ideas we had to develop our school to becoming environmentally friendly. We formed a group in a science lesson and won the competition with our Power Point.

This Power Point and some details about our plans for Green Initiative Week formed the basis of our display at the conference.

In the week starting 12 October 2009 we will be running an Eco Initiative Week. During this week each day will have a different topic such as recycling, composting, transport etc. There will be many activities for all students to take part in. Students can encourage parent car sharing, bicycling will be encouraged by free bike lights from our local police.

We hope during this week to inspire ideas for eco friendly initiatives in school and to spread the word to our homes and beyond.

**Tyler Wells**

Not only did we present our ideas but we listened and looked at other projects too. Each project had an objective, ours to reduce the school's carbon footprint. Some projects focussed on transport use, they worked out how many people travelled by car and decided to plant trees to produce as much carbon dioxide as the people use in the car. This worked out as three thousand trees!

Looking at other people's work inspired us with ideas we can use at school. It also helped us to see what we need to focus on, like getting the community more involved in what we are trying to do.

**MacCauley James**

As a treat for the Gloucester schools; Sir Thomas Rich's, Newent and the Shrubberies efforts we spent the afternoon taking a 'flight' on the London Eye. We all had a wonderful time sightseeing across London. We managed to get some excellent photographs of some of London's fantastic landmarks. It was a brilliant end to a brilliant day

**William Nunn**

This was great day for our students and the school to be represented in such a pioneering movement. As ever, I am amazed and heartened to witness our students even at eleven and twelve years of age engaging in coherent and wholly confident explanations, interviews with 'media' and conducting their own enquiry of other representatives. If these are the people who are going to take on the challenge of global warming, there is hope for our planet.

**Finally I would like to pay tribute to the present Head of PSHE and Citizenship. To date I have been in the pleasant position of turning up to take the many and various accolades that she has worked for the school and students to attain. Mrs McRitchie will be a very hard act to follow.**

**S L James**

# NewsREEL

## Sir Thomas Rich's/PMM Girls School Link



The link has grown to greater heights since 2003 with my visit as the eighth on the teacher exchange programme. Many numerable achievements can be listed across the school including: weekly top administration meetings, the link front post in STRS colours has been strategically erected and officially unveiled by the IT Network manager, Mr. Birchall while on his visit to PMMGS. More than twenty-five students have joined tertiary/universities, while the first senior one (Y7s) beneficiaries are now in senior six (Y12s). The school now outstandingly the name of the town and recently attracting Canadian partnership on environmental concerns through National Agricultural Research Organisation, last two years Dorothy flew with four students to Sweden

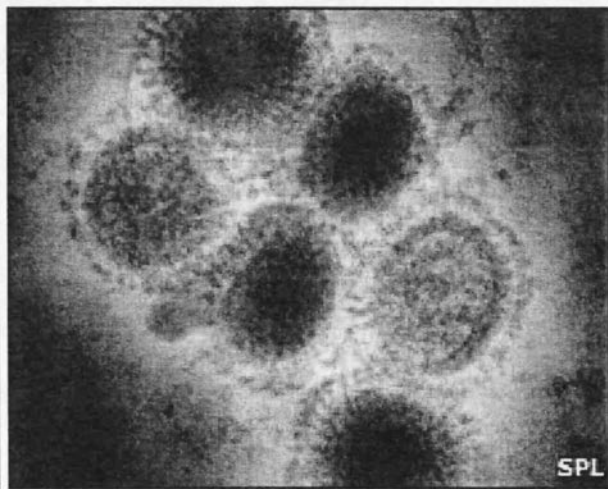
having won a prize and sponsored by Jinja Municipal Council on improvement of city status which has born a Jinja study centre. This year science students won one computer and £75 worth of textbooks in a district highly competitive science project with a presentation on water purification all because of STRS computer facilitation. Acknowledgement has been received from the Municipality Education Office as the most peaceful and beautiful school in the district. Thanks to Mr. Kellie and the staff at large.  
Long Live STRS-PMMGS School Link.

**ARUBU ENOCH LAKUJO**

*Director of studies/Teacher Representative Board of Governors.*

## Swine Flu

A Y9 boy was our first confirmed case of Swine Flu a fortnight ago. The national strategy for trying to contain Swine Flu, when schools were closed and pupils issued with anti-viral medication, has changed in the intervening weeks. The virus has obviously become widespread but the symptoms have remained relatively mild. The Health Protection Agency advice is now for anyone with flu-like symptoms to stay home and seek medical advice if appropriate, meanwhile schools should operate normally.





# NewsREEL



## Nestlé Gloucestershire Boys U13 & U15 Tennis League

This tournament is the preliminary round of the Nestlé national tournament and the winners of the league move on to play the next rounds in September.

The U15 team, which consisted of all Y9 players, acquitted themselves well, often against boys one year older.

P 5 W 2 L 3

The U13 team were very good and played some excellent tennis. With the exception of St. Edwards School they dominated their matches and won the league, therefore qualifying for the next round. The squad should be congratulated for their efforts.

P 5 W 5 L 0

### Results

Match 1 v St. Edwards.	U13's Won 4 - 2
	U15's Lost 1 - 5
Match 2 v Farmors	U13's Won 6 - 0
	U15's Won 6 - 0
Match 3 v Balcarras	U13's won 6 - 0
	U15's Lost 4 - 2
Match 4 v St. Peters	U13's won 6 - 0
	U15's lost 1 - 5
Match 5 v Marling	U13's won 6 - 0
	U15's won 6 - 0

## Sporting Achievements

**James Parker-Mowbray**, 9S, will be participating in the European Laser 4.78 Youth Championships 2009 in Helsinki, Finland 8 - 14 August.

He was selected by the RYA as a member of the British eighteen years.

Congratulations to James on this wonderful achievement.

**Arron Pearce**, 9S, has become county U18s Indoor Longbow champion. Once again another notable achievement.

J L Spilsbury

## Athletics

### NEW SCHOOL RECORDS THIS YEAR

Y7	100 m	<b>Mark Eynoff</b>	12.54 secs
Y7	Shot putt	<b>Kieran Gresty</b>	9.79 m
Y8	High Jump	<b>Duncan Lynch</b>	1.51m
Y9	400m	<b>Charlie Scott</b>	51.8 secs
Y10	Triple Jump	<b>Lewis Norfield-Jones</b>	12.55 m

### HOUSE ATHLETICS RESULTS

Winners:	WESTGATE	271.5
2nd:	EASTGATE	270.5
3rd:	SOUTHGATE	262.0
4th:	NORTHGATE	228.0

WESTGATE HOUSE ATHLETICS CAPTAIN:

**Lewis Norfield-Jones**

## District and County Athletics

A number of boys from STRS competed in the District Athletics Championships with a large contingent qualifying to compete in the County championships. All boys competed well and enjoyed the day some of these boys did particularly well and were picked for the county squad. **Kieran Gresty** won a contested 800m race for the Junior Boys taster event clearly showing he is a talent to be taken notice of in the future. County qualifying boys included **Adam Thrall** who powered his way to win the Inter boys 1500m leaving his contenders far behind on the track. **Oliver Young** and **Patrick Sekinger** both finished second in competitive heats for the Inter boys 200m and 800m respectively. **Charlie Scott** not only qualified for the county squad after winning the Inter boys 200m but ran a time that put him through to the English Schools National Championships held in July. Yet again the boys showed that STRS is a real hotbed of raw talent and excellent sporting attitude, well done all those who represented the school in these events.



# NewsREEL

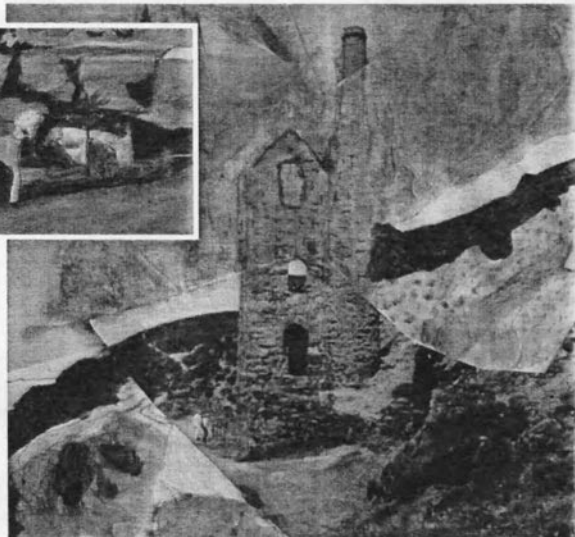
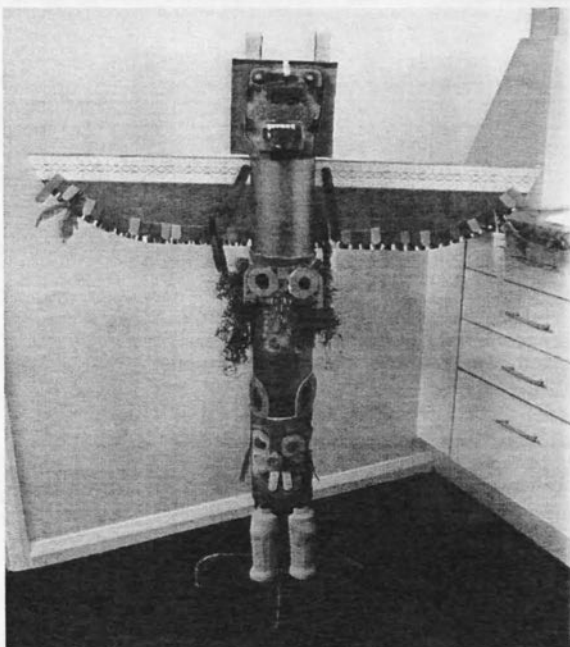
## KS3 Art Exhibition

Following on from a the well-received Sixth Form Art Show held in the Library in June, the Art department was invited to put on an exhibition of KS3 art work in Holy Trinity Church. This took place from Friday 27 June to Friday 4 July and involved a display of recent summer examination work from all forms in Y7, 8 and 9.

This was a new and welcome initiative, as it allowed us to put up a selection of work not normally seen by the public. It also confirmed the high standard of work achieved by our pupils and reflected the amount of hard work they had put into the four-week preparatory period prior to the exam sessions themselves. There was also a good variety of topics and styles on show, ranging from careful still life studies to expressionist portraits and even 3-D models of totem poles.

I would like to thank Canon Tim Newcombe for giving us the opportunity to put on the exhibition at the church and I sincerely hope that the venture can be repeated in the future.

R J Locley



*Year 7 Lakeside Residential Trip*

**SLIMBRIDGE BIOLOGY FIELD TRIP**

**Jeremy Boyles 10S**

On Tuesday 9 June the whole of Y10, with waterproofs and wellies to hand, embarked upon an enjoyable and informative trip to Slimbridge Wildfowl and Wetlands Trust.

On arrival we were directed to the interactive section of the centre where we watched a film regarding the founding of the Trust by artist and naturalist Sir Peter Scott in 1945 and the excellent work it does to protect the wetlands and their inhabitants throughout the UK. We were then split into our groups to tackle the different activities, the first activity which my group experienced was pond transecting using a net, we were trying to find out how many different types of organisms were present in their ponds. We found several water boatmen and the occasional great diving beetle, but our rival group found fish in their pond.

We then proceeded to use a quadrat to try and ascertain how many different species of plants were present in each environment, including five different species of grass and the occasional dandelion. After all that we had worked up quite an appetite and so headed back to the picnic area to have lunch, where we attempted to play in the 'Childs play area' and feed the ducks and swans, of which two hissed at me.

Once lunch was over we then carried out several interesting practical experiments involving different chemicals; we tested the water of the different ponds and compared the pH and ammonia levels in each individual pond. To conclude the trip we were split into groups of three to investigate how many creatures were present in the forest. My group again didn't find much in the way of insects as our pitfall traps failed dismally, but I found a pigeon sitting on her nest in a privet bush. Thankfully the good weather held out for us and I wished I had taken my sunglasses in favour of my thick coat, regardless it had been a great day where we all enjoyed it immensely and learnt a wide range of skills outside of the classroom.



**Y7 Founder's Trail**

Y7 have enjoyed two History trips this term. The first was the founders trail where our boys learnt about the school's foundation by Sir Thomas Rich and its three-hundred and forty unbroken years of education, making it one of the oldest schools in the country. We visited some of the local landmarks in its past. St John's, Northgate, where Sir Thomas was baptised, The Cathedral, to see his gifts to the church, and the two former sites of the school. We also explored some of Gloucester's local history, for example, the site of the burning of Bishop Hooper.

*The photograph shows a group of boys at Bishop Hooper's memorial St Oswald's., exploring our local History.*

# Y7 Japanese Morning

## Y7 Japanese Morning

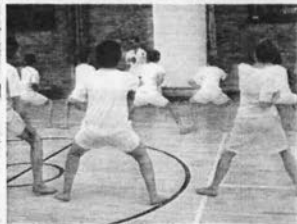
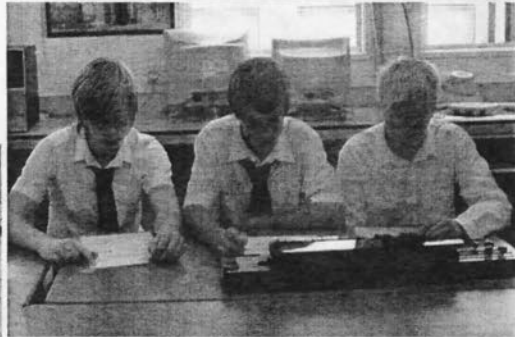
The summer examinations had taken place and some might have thought this a time to relax with learning over for the year. However, Y7 pupils threw themselves into a Japanese morning arranged for them with characteristic enthusiasm.

We were very fortunate to welcome to the school Mr and Mrs Suenobu from Hiroshima. Mr Suenobu is a Headteacher at a Secondary School and Mrs Suenobu a music lecturer, performer and now Headteacher of a music school. We were privileged to hear her play on the koto, a traditional Japanese instrument and she was later in the morning able to instruct some Y10 pupils in playing the instrument. The visitors were most grateful of the opportunity to visit the school and speak with the Headmaster about Sir Thomas Rich's and the school system. He clearly made a good impression and they enthused about the charming, friendly Headmaster and his wonderful school!

The morning was a whistle stop tour of Japan and its culture. The geography department supported the morning with an excellent workshop. Masayo Long instructed the boys in the art of calligraphy and boys were also able to try out Japanese drumming and karate. We are indebted to Brian Jarvis and his assistant Donna Marshall (karate) and James Barrow (Japanese Drumming) for their expertise, professionalism and enthusiastic delivery.

The morning was a great success and I hope will inspire the pupils to learn a little more about this fascinating country and its culture.

J Hewett



Year / Lakeside Residential Trip

**Y10 Cricket**

**Played 9 Won 5 Tied 1 Lost 3**

This has been a successful season for a strong squad playing a very demanding fixture list, mostly away games against independent schools. The highlights of the season were two very close games, one won the other tied. Against Dean Close, we mounted a big score with **Elliot Burge** striking a powerful sixty. Our opponents fell short by three runs against disciplined bowling. RGS Worcester scored 201 for 5 batting first and with fifteen overs of our innings left, all seemed lost. However, the tail wagged vigorously led by **Peter Reid**, 43 not out, and with one ball and one wicket left, four were needed for a dramatic victory. The ball sped off a thick edge towards the third man boundary and three runs were scrambled for the tie. Losing off the penultimate ball to Marling in the County Cup quarter final was the only real disappointment. This was a real team effort, led beautifully by **Will Pritchett** with all contributing.

**2nd XI Cricket**

The school 2nd XI played three fixtures in the early part of this term, beating both our local rivals King's 2nd XI and the Crypt 2nd XI but losing to Rendcomb College 1st XI.

**v Rendcomb – lost by 29 runs.**

The season opener was an away match against Rendcomb's first team. Rendcomb batted first scoring 144 all out. The Rich's attack was led by **E Burge** from Y10 who returned figures of two wickets for 18 runs from 8 overs. **W Pritchett** (also Y10) bowled very accurately in the middle of the innings to claim four wickets for 18 runs. In reply Rich's lost regular wickets, until a late order partnership of 67 between **T Tremlett** (Y11) and **W Pritchett** gave the score some respectability. Rich's were bowled out for 115 to lose by 29 runs.

**v King's – won by 64 runs.**

The next fixture was away against Kings 2nd team. Rich's batted first in a 30 over a side match. Sound responsible batting from all the Rich's batsmen resulted in an impressive score of 197 for 7. **E Burge** top scored with 37 including 4 sixes, with useful contributions from **W Pritchett** (31) and **J Griffiths** (Y11, 28 not out). In reply King's scored quickly but lost regular wickets and were bowled out for 133. **J Griffiths** recorded the best figures of three wickets for 8 runs. Rich's winning by the comfortable margin of 64 runs.

**v Crypt – won by 21 runs.**

The home game against Crypt was also a 30 over per side match. Rich's batted first and enjoyed an opening stand of 93 between **N Drury** (72 - lots of flashy cuts and drives) and Head Boy **B Fabbro** (18 - lots of solid defense). Quick runs then came from **J Griffiths** (38) and **T Tremlett** (35 not out) and the school closed on 179 for 4. The Crypt were never in the hunt, and eventually finished on 158 for 8. Rich's used nine different bowlers with **J Griffiths** recording the best figures of 3 for 20. Rich's winning by 21 runs.

**U14 CRICKET**

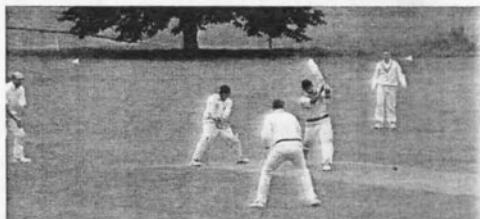
**'A' Team GC Cup Finalists**  
**'B' Team GC Cup Semi-Finalists**

The improvement the U14's have shown this year has been excellent. They have trained exceptionally hard; three times a week after school as well as weekly net sessions before the season started, has paid off. They performed well on a very successful tour of Jersey, defeating De la Salle and the Jersey Island XI. They also defeated Wycliffe, Marling and Pates on their way to the County Cup final, where they unfortunately lost to Cheltenham College. **Oliver Goldsmith** has captained the side very well all year and should be congratulated for taking a hat-trick of wickets in Jersey.

Among the achievements this year, the most satisfying statistic is that twenty-eight boys have represented the U14's in cricket this year. The 'B' team has entered the City Cup against other Gloucester schools 'A' teams and competed very well, defeating Beaufort and Central. They lost to St Peters in the pool stages but still made it through to the semi-final where they unfortunately lost to Crypt. They have also performed well in other genuine B team fixtures versus Dean Close and Wycliffe. Well done to 'B' team captain **Jack Denning-James!**

Well done to all boys who have worked so hard this year!

R G Williams



## NewsREEL

**Y8 Cricket City Cup Finalists**

The season got off to a fantastic start with our annual tour to Jersey. The boys did exceptionally well winning one of their matches against the island's top opposition. The tour obviously had a positive effect on the dynamics of the team as the boys have not lost since they returned, notching up memorable victories over King's, Crypt, Pate's and Hereford Cathedral. All the players have matured as the season progressed, all deserve credit but in particular I must highlight the exceptional leadership skills of **Qasim Javed**, he has led from the front and gained the respect for his peers bringing organisation and cohesion within the team. Other top performers include **Dominic Cain** (bowling) and **Jack Panton** (Batting). Jack scored 53 and 49 respectively in back to back matches. Myself, Mr Powell and the U13 team would like to thank Mr Williams for organising the fixtures and Mr Brown for all his hard work with the school cricket and the tour to Jersey.

**Badminton Round-Up 2008-2009**

This year we once again entered teams in the County Leagues at U14, U16 & U19 levels. Once again all the players in the Junior and Senior Badminton Clubs worked hard at improving their own games and those selected to represent the school enjoyed a successful time of it.

The U14 & U16 teams convincingly won their respective Divisions in the County League structure and attended the final play-offs at Wycliffe College. The U16s eased through their semi-final but had to work really hard in the final to secure victory. Well done! County Champions 2008/9. Congratulations to all those who turned out for the U16 team (often coerced at the last minute due to clashes with other sports fixtures!) but especially to **Freddie Speed**, **Amit Patel** and **Dan Gilberthorpe**, who formed the regular back-bone of the team. Freddie's power and control of the whole court and Amit's delicate all-court defence and drop-shot play were telling factors in the team's successes.

The U14s drew on a large squad of players (special thanks due to Mr P Lloyd for his support and encouragement) who all contributed well and they reached the finals following a series of convincing divisional victories. The semi-final match stretched the players much more and in the final, despite some fierce resistance, they succumbed, disappointed, but giving good account of themselves against a side containing county and national squad players.

The U19 team showed great talent and powerful play; the standards of play were exceptional and they contributed to some very close and exciting matches. In the end, they beat all opposition with the exception of Katharine Lady Berkeley, who ran out eventual winners in a very tense and closely fought final. Well done to key players **Leah Jones**, **Gareth Evans**, **Joe Alderman**, **Adrian Fu** who were ably supported by **John Taylor**, **Alex Williamson**, **Ryan Vaughan** and **Alex Ford** to mention but a few.



The U14 & U16 squads also won places at the southwest regional finals of the Badminton England Schools National Competition. There they met some very strong opposition, often containing three or four county squad players, with the occasional national squad player thrown in for good measure. (**Kit Kirby** played out of his skin to take eight points off his England junior international opponent).

The U14's managed a seventh place (out of eight) and the U16's a creditable fifth place. It was great experience – setting a clear target to improve upon for next year!

In the House competitions, Westgate secured well-deserved victories in both Junior and Senior cups.

P J Brown

# NewsREEL



## Y8 Alton Towers Trip 2009

On Friday 5 June, everybody in Y8 except from twenty-two pupils (who decided they would stay at school and learn camping skills) went on an educational trip to Alton towers.

We left school at eight o'clock and arrived at Alton Towers at approximately ten o'clock. On the way Mrs James and Mr Hancock handed out some booklets and sheets that combined physics and D&T questions about how rides work and the forces that would be experienced. We filled these in while we were there.

When we arrived we were given a briefing about everything we needed to know, before we split into our different groups and started to fill in the booklets. However once we had filled in the booklets we were free to enjoy ourselves and go on any ride we wanted to - the fun began!

Straight away everybody headed off to go on all the big rides such as Oblivion, Rita, Air, Nemesis and Pinball Wizard. At the start of the day the queues were not bad, but as the day went on the queues became longer as more and more people were buying fast track passes. At one o'clock we all met at the entrance to eat our lunch. After this we went back on the rides. We tried to fit in as many rides as we could before three o'clock. Most people went to the shop before they left buying sweets and presents.

At quarter to three we finally made our way back to the park entrance before registering and getting back on the buses to return to school. On the way back Mr Hancock and Mrs James went through the booklets with everybody before the bus drivers put on DVDs to entertain us on the way home. We arrived back at school in good time even though the traffic was heavy.

It was a brilliant trip which balanced education with fun experiences - PERFECT!!

Joe Carolan and Sam Underhill 8B

## STR5 Runners Club



Thomas Rich's cross country has been involved in a number of running events since Christmas. This has included the start of a regular training session held every Monday lunch time involving a sometimes muddy and slippery high paced run over a number of different routes up Chosen Hill. The number of boys training has grown steadily through the weeks as well as the speed in which the regulars get to the top! Events STR5 has been involved in has included the May Hill Massacre and the Malvern Half Marathon as well as a number of 10k races in the local area. A number of boys have shown some excellent commitment and raw talent over the running season. In particular **Charlie Symes** and **Oliver Booth** have been the most prolific runners in the school. Other talent has been seen in **Adam Gouha** who made impressive times in both the May Hill Massacre and the Malvern Half Marathon. The future looks bright for Cross Country in the School!

C G Powell



# NewsREEL

## Duke of Edinburgh

### Bronze Award Expedition Sat 11 July 2009

The five students met at the appointed time and place before 10.00am on Saturday. All had their equipment and plans sorted. The weather was not so organised. Having promised a clear start with heavy and steady rain and gales from 2.00pm onward it was a bit of a blow to start with rain. No problem as all five were clearly well prepared. Apart from a slightly rocky start in identifying the public footpath sign the group made good progress throughout the day demonstrating good planning and interpretation.

The team met up with their assessor and supervisor intermittently and made all their targets within good time. The rain stayed off and it remained quite sticky and humid. The boys made good time, pitched their tent and found a sheltered part of the site for cooking their supper before the rain set in followed by gales. All were well equipped for the weather and retired to the tent dry and warm.

The rain and wind picked up later in the evening and provided a challenge for both campers and tents. Mobile phone communication attempts to avoid a wet and cold excursion failed and Mrs James was at least relieved to find the answering Amy was not in camp – some confusion in numbers.

All in all the boys performance was excellent. The new arrangement of requiring the skill/service/sport to be completed before the expedition has clearly resulted in an improved and consistent performance.



These boys are keen to take on the Silver Award and will almost certainly take on the Gold in due course. This change in arrangement has meant a very low Bronze Expedition take up this year but hopefully we will see Y9 coming through with a proven level of commitment next year.

Well done to all five boys: **Joseph Langley, Ryan Farmer, Conor Pryor, George Lock and Myles Williams**. We look forward to your presentation in September quickly followed by your Bronze Awards.





## NewsREEL

**PMM GIRLS' SCHOOL****Report on the school link visit - July 1-9th, 2009.**

**Wednesday, 1/07/09:** Departure from Entebbe Airport, Uganda was at 9:40 am with Mr. Birchall and his son in law, Jason boarded the BA062. We arrived at the Heathrow airport, London at 4:45pm only to be welcomed with shocking and extremely tropical hot weather! However Ian's friend, John came over and drove us home where I had a short break and a cup of tea before being dropped at Mrs. Marian Brown's home to Cheltenham, my eventual place of abode for the next seven days.

**Thursday, 2/07/09:** Unlike back at home, I woke up at 5:30 am with darkness having vanished, but too early for the day's schedule only to discover the time difference of two hours ahead! Every other person was still asleep! Nonetheless, by 7:30am we were set to move to beat the traffic jam. Mrs. Brown, Head of Y8 drove me to school and led me to the common room where she introduced me to the staff that warmly welcomed me and made me feel at home. A cup of tea was served to set me up for the day! My first interaction with the students was the induction of the Y7's, new entrants for September. It was amazing to hear the Y9 initiating their peers with all the confidence and pride in their school. In the Geography department, I was able to observe four lessons. The Y12's a class of fifteen had such a wonderful pupil centred and a well enriched lesson by Mrs. Brown with every necessary gadget including visual and audio for effective teaching of the subject.

Mr. Gowler came in with fifteen year old pupils on comparative study of Urbanisation in the DCs and LDCs and Uganda as an example of the latter. It was very involved and impressive when both of us were team teaching with overwhelming participation of the class.

I drew a lot from the Y8 lesson taught by Mrs. Brown for PMMGS for the way it was well planned and carefully executed! It had a bearing of well planned scheme of work, use of a variety of references, teaching materials and methods including discussion groups and team teaching. She covered all the aspects of the subject in the most concise and precise manner and yet keeping the pupils at the centre of learning. While on induction of Y6, Mr. Morgan came in with a dynamic presentation of subject appreciation which I thought was marvellous for the new entrants.

In the afternoon, I was taken around the computer complex, laboratories and hub of the school by Mr. Birchall who explained to me how the school is not only networked but monitored at one base, and how technology can make school administration more effective.

Late afternoon, I was treated to a dinner in a nearby pub with the warm company of teachers. What impressed me most here was the high level of responsibility of the teachers; they kept time to the dot! Thereafter, we all converged at 6:00pm for School sports where the boys flexed their muscles with very high standards of competition. Westgate emerged the winners of the four houses.

**Friday, 3/07/09** My first morning session was with a Y8 class where I witnessed the pupils go through their citizenship concerns and moved onto the programme of monthly fundraising for the sponsored students at PMM Girls School under the supervision of Mrs. Brown. She then took them through general questions about PMMGS, Jinja and Uganda as a whole which I did provide answers to. The lesson ended with a wonderful geography game, what creativity! I was then led to the Deputy Headteacher, Mr. Mike Seales where we discussed a lot of issues and on how we can improve upon our teaching, assessment for learning and promised to provide sample documents. He later escorted me to the Headmaster's office.

Mr. Kellie gave me a warm welcome to the school and went ahead to serve me a cup of tea and invited me to a staff 'DO' late in the evening. This was very humbling for me! STRS, you are blessed to have Mr. Kellie as your Head. He gave a briefing on the composition of the management of the school followed by general discussions on updates of the two schools through to lunch time. He led me to the canteen to join other teachers for lunch.

In the afternoon, Mr. Birchall drove me out for a brief tour of the town; a welcome interlude lafter a hectic morning and brought me back in time for a lesson in food science by Mr. Brown with a Y8 class. Mrs. Brown and I got back home to prepare for the teacher's party and in a couple of minutes we were done and were being driven to Tewkesbury a few minutes' drive to a prestigious Hotel and bar in the middle of a

## NewsREEL

golf course. It was a sombre moment because one staff member, Louise who is on a fast tracking teacher programme was bidding a farewell to the staff. I had just met her and found her of a likeable character. Best wishes to Louise in your next undertaking!

**Saturday, 4/07/09** There was a break of the normal home school routine as we walked down along a very busy road in the centre of town, High Street for shopping, picked maps from tourist centre and back. In the afternoon, I had another walk with Mrs. Brown's brother and his fiancée to Pittville Park, Cheltenham for a fiesta to celebrate diverse communities, thanks to the sponsors! We returned to settle down to lots of drinking and eating during dinner, which was brought home for the school staff and the hosts' parents. There was much fun as members played family fun games of golf and boxing! Cheers to Mr. Brown also.

**Sunday, 5/07/09** A cool walk in the morning to the market passed Cheltenham Race course which had many people participating in the walk race to raise funds for the cancer centre. Afternoon took us to Mrs. Brown's parents' countryside home for a Sunday dinner with a treat of natural fruits and juices from their own local farm in Staverton.

**Monday, 6/07/09** Back to school as usual, reporting at 8:00 am I was met by Mr. Seales who gave me a brief in his office on the week's programme and some teaching documents. Later he led me to assembly hall where the students and staff were gathered waiting for us to arrive; after a brief speech he invited me to address the assembly. I was overwhelmed with the discipline of the students and the due attention they gave me and yet at the end were very appreciative. He then took me to the IT room where I was introduced to 'Youtube' sites for enriched teaching and where I was able to print e-tickets for my flight 423 from Bristol to Edinburgh scheduled for Friday, 10th July at 06:45. On to the Sixth Form Common room to meet the girls of the school and I had a long discussion with them on the current status and general issues pertaining to female pupil education and work life. I did give a comparative assessment of the status quo of the women folk in the two countries which was the core of their interest.

After a refreshing lunch at the school canteen, I set off with Mr. Morgan for Ribston Hall High School, Stroud Road a twenty minutes' drive away where we were met by Ms. Glenda de la Bat Smit, who took me around the whole school explaining all issues of the school. I had discussions with Heads of Department of Geography and Mathematics on strategic approach to improving performance of the two subjects which I believe will help PMMGS.

**Tuesday, 7/07/09** Mrs. Brown explained to me the importance of teaching Sustainability across the curriculum, and handed to me a copy that included Sustainable Food supply, Water supply, Energy and Cities to study.

At 10:15 am we set off with Y7 for a History study tour of Chedworth Roman Villa in Cirencester. Here I discovered the historic remains of one of the largest Romano-British Villas in the country and the possible origin of Christianity. We went further to Corinium Museum located in the Roman Cirencester once the second biggest Roman town outside London, today internationally renowned for the quality and quantity of its archaeological collections of mosaic and history of the Cotswolds.

Opposite the great yew hedge is the Cirencester parish church, a magnificent and historic medieval building with its south porch as the old town hall but in need of refurbishment if it is to retain its original medieval status and attraction.

**Wednesday, 8/07/09** Periods 1-3 was spent first with career guidance in the choice of universities for all Y12R and then Y12s and Y7s for Maths lessons where I discovered functional skills are used to make the teaching of Maths more practical in developing abilities to select the right tools and methods to solve different problems. I was able to discuss with the head of the department how we can improve the teaching of Maths. At 11:30am we set off for sight-seeing in Gloucester to see the Cathedral built around 678-9 AD by the medieval craftsmen and maintained by their descendants today. It was amazing to see the royal and medieval marvels, magnificent architecture and stained glass and a living place of worship with a great choral tradition. On our way to the English villages of Painswick we had a stopover for lunch.

# D&T NewsREEL

**Thursday, 9/07/09.**

I called in to see the Bursar to confirm the transfer of the monies for my flight. At 10:30am Mr. Birchall drove me to Longlevens Junior School and we were met by Mr. Shane Gue the International Coordinator who conducted me around the school asking me to link them to a Ugandan school. At 12:15pm we visited the docks and had a heavy farewell lunch in Angel Chef, a Chinese restaurant. At 2:15pm my study trip ended with an observation of a psychology lesson. The wealth of experience I have received and the hospitality is great and the sky is the limit for the bond in this link.

*Thanks for this invaluable opportunity by Sir. Thomas Rich's School to PMMGs.*

## Students' Survey

Questionnaires were issued to all our students in March and the completed forms were sent off to the same marketing company who analysed our previous survey in 2006. We have now received their report. 454 completed questionnaires were returned (57.1%) so statistically reliable data could be drawn except for Drama (GCSE), Classical Civilisation and Geology (A-Level).

### Subjects

The Report compared scores with those in the 2006 survey, differences of over 5% are shown in brackets after the subject. A score of over 90% is considered 'exceptional' (in comparison with 30 similar schools across the country) – this was achieved by economics, religious studies, physics, business studies (+13.5%), Spanish (+6.8%), science (Y7), psychology, chemistry and German (+9.2%). Most other subjects scored in the 80-90% range, considered a 'good' score, with Food Technology (+15.4%) the only subject changed by over 5%. English was in the 70-80% 'satisfactory' range: a long-running staff absence within English, which undoubtedly adversely affected this score, has at last been resolved.

### Non-Academic

Twenty wider school aims were included in the survey. Eleven achieved 'exceptional' ratings: careers advice, school facilities, availability of resources, control of bullying, choice of subjects, teaching quality, community spirit, levels of homework, developing confidence, caring teachers, happiness of child. The other areas were all rated 'good': school discipline, social health education, school communication, developing potential, school security, truancy control, exam results, computer access, developing moral values. No area was considered 'satisfactory' or below.

Our students gave an 'excellent' (85%) overall school performance score. Among students who have been

attending for over a year, 46% said the school had improved over the last year while 9% thought the school's performance was worse.

### Additional Questions

Students were asked for their opinions on eleven further aspects of school life. They rated as 'exceptional': marking students' work, treating students fairly and equally, quality of school management, promoting racial harmony, transfer from previous school, celebrating and rewarding achievement. The other areas were rated as 'good': workload tailored to child, ensuring students do best and make progress, extra-curricular activities, encouraging and listening to parents' views, written reports.

### What matters to students?

Students were asked to say which criteria are most important to them. Each could choose ten. When put together our students' rank order of what they feel is most important at school is shown, where 85% of students included the first criterion in their 'top ten', down to 19.5% who included the last criterion. A comparison with students at 38 similar schools (ranking in brackets after each criterion) shows broadly similar values, issues in bold print are those where our ranking is markedly different.

- Teaching quality (2)
- Happiness of child (1)
- Exam results (9)
- School facilities (3)
- School discipline (13)
- Control of bullying (4)
- Developing potential (8)
- Choice of subjects (7)
- School security (6)
- Careers advice (10)
- Caring teachers (5)
- Developing confidence (11)

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13. Availability of resources (15)
14. Levels of homework (12)
15. Developing moral values (16)
16. Community spirit (17)
17. Social health education (19)
18. Computer access (14)
19. School communication (18)
20. Truancy control (20)

Students' priorities change as they progress through school e.g. *control of bullying* is the top concern in Y7 but drops to 10th in Y11+ and *school discipline* falls from 3rd to 9th; the only aspect which becomes significantly more important is *careers advice* which rises from 17th to 7th. Girls also had rather different priorities from boys e.g. *caring teachers* was 3rd (10th for boys) and *developing potential* was 4th (9th for boys); girls place less importance on *school facilities* – 12th (4th for boys) – and *school discipline* – 15th (5th).

The Report contains eighty-seven pages of data and analysis. Much is of real interest, even fascinating, although like all such statistics there are invariably different interpretations and explanations behind the figures. I have selected a few figures below which I thought might be of particular interest to parents:

Statement in questionnaire			Percentage of students who responded:		
			True	False	No opinion
I usually feel safe when I am at school			96.7	2.4	0.9
Teachers encourage me to do my best			89.2	9.3	1.5
I have a good chance of achieving the exam results I would like			96.9	2.4	0.7
Most teachers would listen carefully if I had a problem			92.6	6.7	0.7
I am usually happy at school			89.6	8.9	1.5
My parents want to know what I am learning			81.9	18.1	-
At home there is a link to the internet which I can use			98.2	1.8	-
What do you think of school discipline?			Too strict 19%	About right 76%	Not strict enough 6%
Describe the amount of homework given		Too much 31%	About right 41%	Not enough 2%	Too varied 26%
Average hours per week spent on homework	Y7 6.2	Y8 7.5	Y9 7.2	Y10 6.1	Y11 5.8
					6 <sup>th</sup> 8.1

The survey is gratifying to all staff at Rich's. We are never complacent, we are always striving to develop and improve. However it is heartening that our students are so positive about their experience at Sir Thomas Rich's.

We conduct a survey of all students every three years (hence in 2006 and 2009) and a similar survey of all parents every three years (our last was in 2007).

## NewsREEL

**River Churn Fieldwork**

Each of the Y7 form groups spent a morning or afternoon collecting data at three sites along the River Churn. We begin near the source of the river (Dowman's Farm) and measure the width and depth of the channel in groups of four. In addition, we also use a clinometer and a tape to measure the valley profile. By far the most exhilarating task is to time a dog biscuit floating down a section of the river in order to calculate the velocity.

Our next site is near to the village of North Cerney. The river is much wider and deeper and the river meanders across a flat valley floor. The boys complete more data collection and also draw a field sketch from the top of the valley.

Our final destination was on the edge of Cirencester, close to Stratton Mill. The river was much wider and the boys could see a well-developed floodplain and a more human environment. Similar data was recorded and we were able to produce some useful work back in the classroom in our final weeks of the summer term.

All four groups were excellent on the fieldtrip and we were lucky with the weather. Thank you to all the staff who helped on the trips; Mr Gowler, Mr Carter, Mr Morgan, Mr Pack and Mr Powell.

M F Brown

# NewsREEL

## Arkwright Scholarships

Another outstanding achievement! **Sean Creed** and **Arun Ulahannan** have both been awarded Arkwright Scholarships, commencing in September 2009. They have been selected to receive these awards after successfully passing the Arkwright Aptitude paper, demonstrating flair and originality in solving Engineering Design problems and presenting their GCSE work to an interview panel. The selection process culminated with an interview, team exercises and a tour of the engineering facilities at the university they attended for their interview. This is a magnificent achievement, well done to both students, we look forward to finding out which company will sponsor them in August.

## Tesco Computers for Schools 2009

### THANK YOU!!!

The vouchers for the eighteenth year of the Tesco computers for schools scheme have now been counted, packed and dispatched. We collected 15,124 vouchers, which when added to those we "banked" last year we have been able to order a new computer with a flat screen monitor. We would like to thank everyone who donated vouchers, enabling us to reach such a magnificent total and a special thank you to all those who helped count and pack.



## Y8 Science and Technology Visit to Alton Towers.

This is the second year we have run this popular event. Students are encouraged through an A5 booklet to study and observe science and technology in action whilst enjoying many of the rides in the theme park. They answer questions on such topics as mechanisms, structures, speed and energy transfer. Even our willing team of parents had a go, successfully! Whilst there is an obvious attraction for the students there is a real learning experience particularly in grasping some of the more abstract concepts such as energy transfer and mechanisms velocity ratio and mechanical advantage. A good day was had by all and we are grateful to the parents who helped on the day and all who offered their support.

### Design Brief

#### Automotive Components: A2 Car Brake Disc

**Background:** This is a design brief for a car brake disc. The disc is a circular component that is used to slow down or stop a car. It is made of a material called cast iron and is attached to the axle of the car. The disc is used to convert the kinetic energy of the car into heat energy, which is then dissipated into the air.

**Design:** The design of the brake disc is crucial to its performance. It must be able to withstand high temperatures and friction. The design also affects the car's handling and braking performance. The disc is typically made of a cast iron alloy and is finished with a smooth surface.



### Business Brief

**Background:** This is a business brief for a company that manufactures car brake discs. The company is looking for a new design for its brake discs. The design must be able to withstand high temperatures and friction. The design also affects the car's handling and braking performance. The disc is typically made of a cast iron alloy and is finished with a smooth surface.

**Design:** The design of the brake disc is crucial to its performance. It must be able to withstand high temperatures and friction. The design also affects the car's handling and braking performance. The disc is typically made of a cast iron alloy and is finished with a smooth surface.

### Market

**Background:** This is a market brief for a company that manufactures car brake discs. The company is looking for a new design for its brake discs. The design must be able to withstand high temperatures and friction. The design also affects the car's handling and braking performance. The disc is typically made of a cast iron alloy and is finished with a smooth surface.

**Design:** The design of the brake disc is crucial to its performance. It must be able to withstand high temperatures and friction. The design also affects the car's handling and braking performance. The disc is typically made of a cast iron alloy and is finished with a smooth surface.

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### Technical Research 2

#### Issue

This is a technical research paper on the topic of car brake discs. The paper discusses the design and materials used in the production of brake discs. It also discusses the challenges faced by manufacturers in the production of brake discs.

#### Form

This is a technical research paper on the topic of car brake discs. The paper discusses the design and materials used in the production of brake discs. It also discusses the challenges faced by manufacturers in the production of brake discs.

#### Notes

This is a technical research paper on the topic of car brake discs. The paper discusses the design and materials used in the production of brake discs. It also discusses the challenges faced by manufacturers in the production of brake discs.

#### Exam

This is a technical research paper on the topic of car brake discs. The paper discusses the design and materials used in the production of brake discs. It also discusses the challenges faced by manufacturers in the production of brake discs.

#### Diagram

This is a technical research paper on the topic of car brake discs. The paper discusses the design and materials used in the production of brake discs. It also discusses the challenges faced by manufacturers in the production of brake discs.

#### Discussion Points

This is a technical research paper on the topic of car brake discs. The paper discusses the design and materials used in the production of brake discs. It also discusses the challenges faced by manufacturers in the production of brake discs.

Once again, the exams are over and all the coursework has been moderated. We now wait for the examination boards to process all the marks and information with some trepidation, but look forward to the results in August. We wish all the students a happy and stress free summer, we look forward to seeing those who will return in September and wish those going off to college or to employment good luck.

The Y12 students have begun their A2 projects and Y10 students have begun their GCSE projects. Early indications suggest some interesting and innovative project work again this year. The quality and standard of the early work completed is excellent, they have all shown themselves to be capable students and we look forward to another successful year ahead.

# SCHOOL CALENDAR

Thursday 20 August  
Thursday 27 August

Results Day: AS, A-Level, additional maths  
Results Day: GCSE

## AUTUMN TERM 2009

### Thursday 3 September

- ✓ Friday 18 September
- ✓ Tuesday 6 & Weds 7 October
- ✓ Wednesday 7 October
- ✓ Thursday 15 October
- ✓ Monday 19 – Weds 21 October
- Thursday 22 – Friday 30 October**
- ✓ Monday 2 – Friday 6 November
- ✓ Saturday 7 November
- ✓ Monday 23 Nov – Thurs 3 December
- ✓ Friday 4 December
- ✓ Monday 7 December
- ✓ Weds 9, Thurs 10, Fri 11 December
- ✓ Monday 14 December
- ✓ Wednesday 16 December
- ✓ Tuesday 17 December
- Friday 18 December**

### Term starts, 8.40 a.m.

Speech Day & Prize Giving, 7:30 pm  
Open Days  
Open Evening, 6:00 and 7:30 pm  
Informal Y7 Parents' Evening, 7:00 pm  
Y8 Arts Experience  
**Half-term holidays**  
Y12 examinations  
Admission tests (Y6)  
Trial GCSE exams (Y11)  
INSET Day (**no school for pupils**)  
Christmas by Candlelight, 7:30 pm  
Teachers, school drama, Hall, 7:30 pm  
Y13 Parents' Evening, 5:00 pm.  
Carol Service (St. John's Northgate), 7:30 pm  
Carol Service (St. Catharine's), 7:30 pm  
**End of term, 12:45 pm**

## SPRING TERM 2010

### Monday 4 January

- ✓ Tuesday 19 January
- ✓ Thursday 21 January
- ✓ Wednesday 27 January
- ✓ Monday 1 – Friday 5 February
- ✓ Tuesday 2 February
- ✓ Wednesday 10 February
- Monday 15 – Friday 19 February**
- ✓ Monday 22 – Friday 26 February
- ✓ Monday 1 March
- ✓ Monday 8 March
- ✓ Monday 8 – Friday 12 March
- ✓ Monday 15 – Friday 19 March
- ✓ Tuesday 30 March
- Thursday 1 April**

### Term starts, 8:40 am

Y9 'options' evening, 7:00 pm  
Y11 Parents' Evening, 5:00 pm  
Sixth Form Open Evening, 7:15 pm  
Y11 Work Experience  
Y8 Parents' Evening, 5:00 pm  
Y9 Parents' Evening, 5:00 pm  
**Half-term holidays**  
Y10 examinations  
INSET Day (**no school for pupils**)  
Y7 Parents' Evening, 5:00 pm  
Founder's Week  
Trial AS examinations (Y12)  
Y12 Parents' Evening, 5:00 pm  
**End of term, 12:45 pm**

## SUMMER TERM 2010

### Monday 19 April

- ✓ Monday 19 – Friday 23 March
- ✓ Monday 3 May
- Monday 31 May – Friday 4 June**
- ✓ Monday 28 June – Thursday 1 July
- ✓ Friday 2 July
- ✓ Monday 5 – Friday, 9 July
- ✓ Thursday 8 July
- ✓ Tuesday 13 July
- Friday 23 July**

### Term starts, 8:40 am

Trial A2 examinations (Y13)  
May Day Bank Holiday  
**Half-term holidays**  
School examinations (Y7-9)  
INSET Day (**no school for pupils**)  
Sixth Form induction week  
Sports Evening, 6:30 pm  
Y10 Parents' Evening, 5:00 pm  
**End of term, 12:45 pm**

## Nearly New Uniform

This academic year we will have donated the sum of £665 to the School PA.

A big thank you to all the helpers: Wendy, Pippa, Vikki and Julie.

Bev and I are now retiring, having done thirteen years between us! Bev has done so much to really help the sales increase and will be missed. This is a record year!

We wish all the future helpers to have as much enjoyment as we have had and a big thank you to Mrs Brown for all her help over the years.

Joy Bond



# Sir Thomas Rich's School PA

Don't miss a great Friday night out with friends and meet fellow parents at the...

## STRS Wine Tasting

Experts from D'Arcy Wine [www.darcywine.co.uk](http://www.darcywine.co.uk) will guide you through a fun evening of "Call my Bluff" style guess the wine!

**At STRS**

**Friday 2<sup>nd</sup> October**

**7:30pm onwards**

**Tickets - £10 per person**

- Sparkling wine on arrival
- "Call my bluff" style presentation
- 5 taster glasses of wine
- Nibbles

Bottles of the taster wines will be available to buy as will soft drinks and raffle tickets for a great prize.

Please complete the ticket request form and send it with a cheque made out to STRS into School Reception, tickets will then be sent home with your son/daughter.

**Tickets must be purchased by 25<sup>th</sup> September**

**Don't miss out!**

Thanks for your support and we look forward to seeing you on what will be a highly enjoyable evening!

(Wine Tasting)

Name .....

I would like ..... ticket/s at £10 each

I enclose £.....

Child's Name .....

Year and Form .....

Your contact number and email address .....