



Malton School

A Specialist Science School

WINTER
2016

SUPPORT INSPIRE THRIVE

THE MALTONIAN

NEW TIMETABLE, NEW HORIZONS

A school day shake-up has opened up a world of possibilities for students to further their education.

From this term school starts at 8.40am and finishes at 3.15pm each day but on Thursdays students have an extra hour in which to focus on the acquisition of wider skills.

During these sessions they can choose from a wide range of personal development activities from climbing, archaeology and aerobics to debating, gardening and charitable work, to name but a few. Almost 80 students have signed up for the Duke of Edinburgh's award.

As well as offering students exciting personal interest opportunities, these sessions will help them build a strong personal portfolio to enhance future employability and higher education options.

The school day itself has been divided into four 75 minute lessons. The new lesson structure will enhance the quality of teaching and learning as well as providing important personal development opportunities for students.

The current hour-long lessons have been increased to promote deeper investigatory and independent learning amongst students. It also allows more time for constructive feedback and dialogue between students and teachers to accelerate the rates of progress being made.

Headteacher Rob Williams, said:

"These changes have been brought in as a key platform of our drive to provide an outstanding, rounded educational experience for all of our young people. The addition of a strong personal development programme will complement and enhance the academic excellence already being achieved by students in the school."



EXCELLENT RESULTS

We are very proud of the achievement of our Year 11 and Year 13 students who took their final exams in the summer. Excellent GCSE and A Level results in August saw the school adding more value to the performance of our students than we have done in previous years.

There have been a number of changes to the national GCSE exam and school accountability structures which means all secondary schools are now reported on four key measures:

- Progress 8
- Attainment 8
- % of students achieving a C or better in both English and Maths
- % of students achieving the English Baccalaureate

The key emphasis has become the amount of progress students have made whilst in the school. Students at Malton School have made excellent progress, recording a Progress 8 score of +0.22. The new Attainment 8 score is a measure of the average attainment achieved by students in their best 8 subjects with Malton achieving 5.22. For most non-selective schools the range will be between a 4.0 and 6.0. The English and Maths measure has changed, now showing the percentage of students who gained a C grade or better in English and Maths with 72% of our students achieving this new government benchmark. The Government website only reports first entry figures, these are our actual scores (for best entry) at the end of Year 11.

At A Level, our attainment remained significantly high with an average points score of 915 (likely to be one of the best in the country); an average points score per entry of 211: and with 48% of our students achieving at least two A*-B grades. Nearly all of our 18-year-olds were enabled to move on successfully to their chosen next career step.

Y VIVA ESPANA

The next leg of the European music tour has been announced - musicians from Malton School's bands will head to the Costa Brava in Spain next summer for a series of concerts.

The announcement of the next destination comes as the Music Department celebrate their latest trip to the Loire Valley in France.

A total of 26 Malton school students, ages 12 to 18, got the opportunity to spend almost a week playing music to local audiences in towns and parks in the Loire in July.

Julian Taylor, Malton School's Music teacher, led the trip. He said:

"The concerts were in beautiful locations, all the bands played amazingly well and did Malton School proud."

The trip was made up of the three school bands - Soul band, Jazz band and Glee club. The musicians performed in Blois, Cheverny and Loches, singing a range of popular songs and playing modern cover versions, which the crowds loved. Even though France lost the football to Portugal, the audience still seemed happy listening to the Malton School Jazz band on the evening of the Euro 2016 Cup final.

The group stayed in the French town of Tours. They visited the Loire River and the market place, where students got to practise their French language skills.

Year 8 student, Hannah Bowskill said:

"It was a great experience for us all. We all loved performing to the French audience who were very friendly and really enjoyed our concerts."

The most recent trip follows on from successful concerts to Normandy in 2014 and Lake Garda in Italy in 2015.



NEW DESIGN TECHNOLOGY FACILITIES OPENED

The new Design Technology rooms at Malton School have been a hive of industry as students get to grips with the state-of-the-art facilities.

The half a million pound investment in the Design Technology suite has completely transformed the department with new machinery, ICT room, work benches, tool cupboards and display areas.

The work was commissioned and funded by North Yorkshire County Council and was completed in time for students returning to school this term.

A new floor plan includes two multi-purpose classrooms, an ICT and CAD/CAM (computer-aided design and manufacturing) area with central access from both rooms and a brand new workshop.

Head of Design Technology Mark Whitaker said:

"It's a multi-purpose workshop and ICT suite with the most recent modern day technology. CAD/CAM will allow students to design on the computer and prepare them for a more realistic career in design and manufacture."



EYE CLAUDIUS

They are famous for their roads and ruins but our microbiology students have been finding out that the Romans were experts in eye medicine as well.

Students who have opted for microbiology as part of their personal development sessions have been set a task by GP Dr Nick Summerton to research these ancient remedies. Dr Summerton, a GP in Driffield, East Yorkshire, has a particular interest in Roman eye health and has carried out his own research.

Through the National STEM Learning Centre, York, which offers schools support and resources for science, technology, engineering and maths subjects, the science team were put in touch with Dr Summerton. The microbiology team will need to find a bacteria representing an eye infection, mix together metallic (copper, zinc, iron) and non-metallic (honey, myrrh, black pepper) compounds that Dr Summerton has found in his own research of Roman eye stamps and collyrium (ovoid-shaped blocks of medication).

Using their basic microbiology skills including risk assessment the students will carry out their own investigation going through the process of taking photographs, observing their findings and writing up papers. Science teacher Nicky-Jo Cooper said:

"The students are extremely enthusiastic about this piece of research. I think what excites them about it is that I don't know the answer to what they will find and neither does Dr Summerton. It is a project that they will not only research but will also present their findings."



CHARITY BEGINS AT SCHOOL

Charity starts at school for students who have embarked on a series of fundraising projects benefiting people locally and overseas.

One group of students have raised an amazing £738 for VSO (Voluntary Service Overseas) after they hosted a Shakespeare-themed event last term.

And students' fundraising efforts won't stop there. Charitable work is one of the new personal development sessions on offer from this term, giving students a dedicated time each week to get involved in even more charity work.

Students who have opted for this are currently identifying local charities that they will focus on for their fundraising this term.

As reported in the Summer 2016 edition of The Maltonian, the Shakespeare evening, which took place last term, was organized by Matty Godrich and Monique Preston, both Year 11 along with a group of fellow students.

Assistant Head of English, Kate Ward, said:

"The students worked exceptionally hard to make the VSO event possible. They should all be commended for their dedication to such a worthy cause. I could not be prouder of them."

The amount the students raised is more than double the sum that we reported in our summer newsletter as funds continued to roll in after the event.

It is a fantastic achievement by the students who put in many hours to ensure the event was such a huge success and shows their genuine dedication and commitment to doing charitable work.



STUDENT ART AT HAREWOOD HOUSE

Our 6th form art students were invited to exhibit their work at Harewood House in Leeds over the summer holidays.

The paintings on show included physical art by Year 13 students and digital work by Years 12 and 13, a total of 80 pieces of artwork in all.

The exhibition was organised by the Red Kite Alliance, a partnership of schools including Malton School, sharing their skills, experience and talent.

Head of Creativity at Malton School, Jo Harman, said:

"I am hugely proud to be involved and for our students to have the opportunity to showcase their work at Harewood House."

Congratulations also to our students who won prizes at the Malton Show this year, Year 8 students Alice Jeffery and Ben Harrington. The students were awarded the Tom Tate-Smith Memorial Shield.



Artwork by Rebecca Pollen-Turner



LEADING THE WAY

Our new key stage leaders have been voted in by the students and staff to represent the school body within the school and wider community.

Year 11 student Jack Baldwin from Weaverthorpe has been voted head boy and Rebecca Bramley from Rillington has been voted head girl. Their deputies are Matthew Hill from Broughton and Daisy Ferguson from Malton. This team's responsibilities are hosting both school and civic events as well as school assemblies and the end of year school prom.



KS4 leaders l-r Jack Baldwin, Rebecca Bramley, Daisy Ferguson and Matthew Hill.

Four KS3 leaders have also been elected from students in Year 9. They are Marcus Raistrick from Swinton and Ava Bertucci from Hovingham and deputies Spencer Wilson from Kirby Misperton and Freya Harrington from Malton.



KS3 leaders: Marcus Raistrick, Spencer Wilson, Freya Harrington and Ava Bertucci.

All Year 9 candidates had the daunting task of delivering a two-minute speech to a hall of more than 100 students and staff. We wish all the students well in their new posts.

WELCOME TO OUR NEW STARTERS

Our Year 7 starters are settling in well. They are the first year group to start at Malton School with their iPads at the ready as part of the school's iPad for Learning scheme.

The students were a great help at our open evening in September, assisting in various departments and welcoming visitors to the school. There was a great buzz about the place during the evening - thank you to our Year 7s and our older students who helped to make the evening a success.



New starters helping at open evening.

DREAM ON

The next school production promises to be as dazzling as they come.

Following on from this year's sell-out production of *The Wiz*, the drama department are delighted to announce that *Joseph and the Amazing Technicolour Dreamcoat* will be their next extravaganza.

The production is a musical re-telling of the Genesis bible story of Joseph and his coat of many colours. It was created by Andrew Lloyd Webber and Tim Rice and first opened in the West End in 1973.



l-r Becky Heslop, Isaac Rice, Lucy MacPhee and Heather Staples.

Scores of students signed up for auditions as well as musicians, dancers and volunteers for backstage roles. Auditions took place in September and the main cast are as follows: Becky Heslop, Lucy MacPhee, Heather Staples, Isaac Rice and James Elliot.

The cast have had their first full read through and are well into their rehearsal schedule.

The show opens with a matinee on Monday, March 27th 2017 followed by three evening performances on March 29th, 30th and 31st. We look forward to seeing you there!

VICTORY FOR DIGGERS

Local gardeners and organisations have rallied round to help green-fingered students at Malton School.

Garden development is one of the new personal development sessions on offer and students who opted for this activity will spend an hour a week tending the three school gardens.

Following an article in The Gazette and Herald and on the school's social media sites, the students have been inundated by donations of spades, forks, hoes and edging tools and bulbs.

Skipton Building Society in Malton also saw the appeal in the local press and have donated gardening vouchers to the gardening team through their community project fund.

As part of their environmental community project which involves the Rotary 'End Polio' campaign, Malton and Norton Rotary Club have also offered 250 purple crocus corms, tools and gloves.

The students can choose where the crocuses are planted, using their imagination to work on a planting scheme that fits the campaign.



Alongside this students are planning to develop the school gardens to grow their own herbs, plants and vegetables which they are hoping to sell at the monthly Malton food market.

Teacher Helen Wilson, who runs the session, said:

"We are very grateful for the donations of gardening tools as well as the donation of vouchers from the Skipton Building Society and the 250 crocus corms from the Malton and Norton Rotary Club.

"The tools and bulbs will give students the chance to plan their own planting design which we will look forward to seeing in bloom in spring."

TOUCHING THE PAST

The chance to handle some real Roman artefacts has given students in KS3 a fascinating glimpse into life in North Yorkshire hundreds of years ago.

Margaret Shaw of Malton Museum visited students in the archaeology personal development session and brought in a selection of finds from the North Yorkshire and Malton area to show the group.

The idea behind the visit was to allow students to work with genuine artefacts and to develop their understanding of the people who lived in Roman-controlled Yorkshire.

Miss Burrows, who is leading the session, said:

"By examining the artefacts, students were able to work out what life would have been like for soldiers as well as ordinary people, rich or poor.

"The students will continue to work closely with the museum during the sessions and we are hoping to arrange a visit to the museum itself to see more exhibits."



GOOD HAIR DAY

A group of Year 11 students have been given the chance to learn professional hair and beauty skills thanks to a collaboration with a leading Yorkshire training academy.

Once a week students from the school go to The Training Academy in Norton as part of Malton School's new weekly personal development sessions.

The students are learning hair and beauty skills as well as developing excellent interpersonal, social and employability skills.

Director of the Academy Lindsay Burr MBE said:

"Fifteen years ago we started working with Malton School to deliver an after school opportunity so it is fantastic that we have been able to introduce it again this year.

"It may be that some students are pursuing a personal interest for enjoyment and others may be thinking of a career in hair and beauty. We are delighted to be working with the school and welcome Malton School students."



DUKE OF EDINBURGH'S AWARD EXPEDITION

An intrepid group of students will head off into the wilds as they embark on their Duke of Edinburgh's award this autumn.

Almost 80 students are taking the award through the new personal development sessions at school. They will be trekking across the North York Moors in November to get into practice for the expedition section of the scheme.

The students start off at bronze level, progressing to silver and gold where students get to visit Buckingham Palace to receive their award. Students taking part in the Duke of Edinburgh's award choose from a suggested programme of ideas including physical challenges, volunteering, expeditions and skills development.

The volunteering aspect should be an activity that benefits the community from raising money for charity to getting involved in a community project. Physical challenges include a wide range of sporting and outdoor activities and the skills section could involve anything from singing, astronomy and beekeeping to DJing, conservation and circus skills.

Deputy Headteacher Mick Fenwick, a qualified mountain leader, will be leading the Moors expedition along with other members of staff bringing their own expertise.

"I have been involved in delivering the Duke of Edinburgh's Award for 10 years now and I have seen the positive impact that taking part in it has on young people. From developing team work and resilience to learning new skills and getting fitter; the award has huge benefits to developing the 'whole student' and opens doors to opportunities that students may otherwise not have considered with the added benefit of being highly valued on a CV or UCAS application."



The students will take around three months to complete the bronze level which works out at an hour a week.

During the sessions at school students learn about the expedition part of the award, ensuring they are equipped with skills to navigate, use maps and a compass as well as camping, cooking and first aid. A number of students have already completed a Quallsafe Level 2 award in Emergency First Aid at a training session at school which means they can support other students taking part in the award scheme.

SPORT SUCCESS

Sport at Malton School is going from strength to strength with students winning an array of competitions and breaking records.

Malton School's investment in a superbly-equipped sports centre and a dedicated team of teachers and support staff is paying dividends with outstanding performances by students across a range of activities.

The 2014/15 academic year was the first year the school has ever run girls' football at all year groups in PE - and the first time a girls' team represented the school. The Year 7 and 8s (U13s) during that year went on to become runners-up in the North Yorkshire Schools County Cup.

Last year we had two teams representing the school. The U13s became North Yorkshire Schools County Champions and the U14s were again runners-up in the County Cup. They won the District One-Day competition and the District Knock-Out competition.

Both teams also reached the last 64 of the English Schools FA National Cup.

This year two of our students are playing for academy teams - Florence Pegrum, Yr 9, is at York City and Maddie Blundell, Yr 9, is at Leeds Utd.



TEAM WORK

Our sports teams have got off to a great start this term.

- The Year 11 boys won the Scarborough and District 10s tournament at Scarborough Rugby Club.
- The Year 11 girls came 2nd in the Ryedale and Whitby Partnership Netball Tournament which was played at Scalby in September.

SPORTS DAY RECORD BREAKERS

Sports' day saw a number of students breaking previous records. Congratulations to the following students (year groups relate to last term):

Year 7 students - Will Hartley, 300 metres (51:41), Joe O'Brien, 1500 metres (5:25), Ethan Smith, 1500 metres (5:34)

Year 8 students - Jason Robson, 300 metres (47:03), Corey Palmer, Discus (28.15m), Katie Robinson, 200 metres (29:00s), Florence Pegrum, 300 metres (46:80s), Isabel Matique, 300 metres (47:74), Emily Carroll, 300 metres (50:58s), Florence Pegrum, 800 metres (2:43:77s), Katie Robinson, 1500 metres (6:06), Emily Carroll, Long Jump (4.15m), Isabel Matique, High Jump (1.45m),

Year 9 students - Joe Matique, 100 metres (11:69), Scott Parker Williams, 200 metres (25:00), Monty Pegrum, 300 metres, Scott Parker Williams, High Jump (1.61m), Hannah Atkinson, 100 metres (13:06s)



WELCOME TO A NEW TEAM

We are delighted to welcome new members of staff this term. Amongst the new faces are teachers, support staff and two new Heads of Key Stage. Donna Johnson is our new Head of Upper School and Mark Dent is our new Head of Sixth Form.

Headteacher Rob Williams said: "We have made a further investment in strengthening our pastoral care and support by moving to a system where our Heads of Key Stage are all non-teaching. Previously these posts were held by staff who had a teaching commitment for 60% of the working week. The two new Heads of Key Stage do not have a teaching commitment and so they are able to dedicate themselves fully to the highest level of pastoral care and support."

New staff bring new energy and ideas and we are looking forward to all our new members of staff enhancing the work we already do.



OUT OF AFRICA

We were delighted to welcome back the Pearl of Africa Children's Choir this term for their fourth visit to the school.

The choir from Uganda ran workshops in the day for our own Year 7 students and those in the school bands, as well as for students from Settrington, St Mary's and Leavening primary schools. The students joined them on stage later that evening for a fantastic performance of local and traditional Ugandan song, dance and drumming in vibrant colourful dress. The choir also added a song, Lean on Me, that our music teacher, Julian Taylor had taught them the previous year.

The Pearl of Africa Choir visit the UK each year to raise awareness and funds to help improve the living standards, healthcare and standards of education in their schools. To help with their fundraising Malton School also held a non-uniform day during their visit.

The school has had a thank you card from the choir letting us know that we raised £1,225.98 for them on the day.



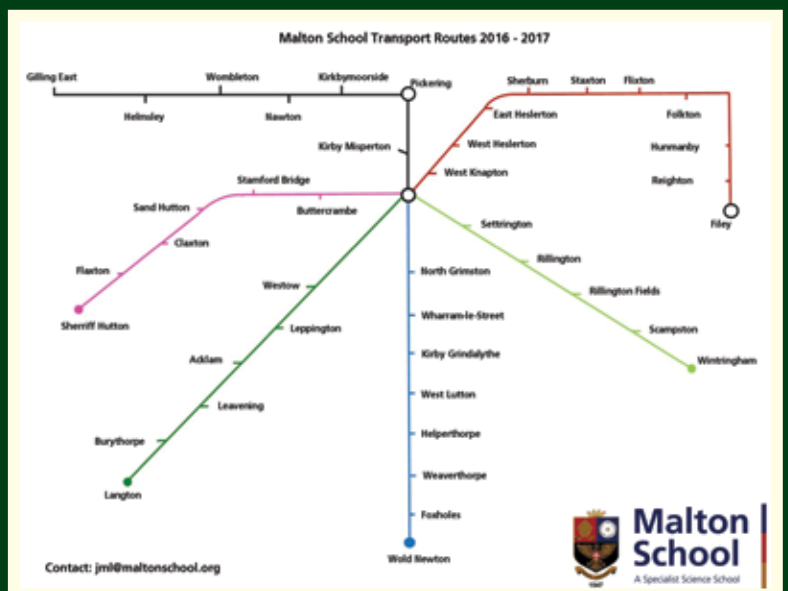
NEW TRANSPORT CONNECTIONS

New transport connections will enable even more students to travel to Malton School from out-of-catchment villages this year.

Students can now travel to Malton School from Sheriff Hutton, Flaxton, Claxton, Sand Hutton, Stamford Bridge and Buttercrambe, adding to the five routes already in place.

Malton School transport is available to students from Year 7 to 13 at the start and end of the normal school day. A place on Malton School transport costs £300 per child per year for the 2016-2017 academic year.

For further information please contact Mrs Lane, Transport Manager at school on 01653 692828 or email jml@maltonschool.org



HIGH ACHIEVER

Congratulations to former student James Douthwaite. We're delighted to hear that James graduated from Bristol University in the summer with a Master of Science with first class honours in Chemistry with Industrial Experience.

James has now accepted a place at Cambridge University to do his PhD in Organic Chemistry as a member of the Phipps Group of researchers with sponsorship by Astra Zeneca.

James' advice to students is

"Keep on top of your work, get it done and then reward yourself by giving yourself some free time. It's all about finding a healthy balance between work and social life."

We wish James all the best in his course at Cambridge.



James with his family.

A NIGHT TO CELEBRATE

For the first time ever our annual celebration event has been split into two separate evenings; one for students in the Lower School (KS3) and another for the Upper School (KS4) and Sixth Form (KS5).

Our KS3 Celebration Evening in October was a chance to celebrate the success of the wonderful young people within our community. The decision to hold two separate evenings enables the school to celebrate the success of even more of our students. It also allows the celebration for Lower School to be more immediate to the academic year just gone; whilst moving the event back to December for the older students will hopefully increase the number of our student leavers who will be back for their Christmas break and be able to attend to receive their awards.



We all know that success tends to breed success. By capturing and recognising the achievements of a broader group of students over two celebration evenings, we hope it will only snowball the positive effect and the pursuit of excellence within the school.

The evening for the Upper School and the Sixth Form will be on December 14th where we look forward to celebrating the successes of our current students and recent school leavers.

PIONEERS IN PERU

This summer students from Years 11, 12 and 13 set out on our expedition to Peru. Our Assistant Headteacher Mr Steel, who accompanied the group, gives us an insight into the trip:

"We spent a month in Peru, living at high altitude in camps run by local people together with Camps International. The aim of the expedition was to take part in community-based work to help improve the lives of people living there.

Our first camp was at Pinchollo in the Colca Valley, which at twice the depth of the Grand Canyon, is the world's second deepest canyon.

We took part teaching, classroom building and laying foundations for a condor visitor centre to help local people attract visitors and therefore improve their livelihoods. We also dug a trench for pipes so local people can get water for their fields without having to walk huge distances.

At Lake Titicaca we worked with the farming community, building animal shelters to protect livestock from the sub-zero night-time temperatures and foundations for greenhouses to enable the growing of vegetables.

We also made bricks. I am proud to report that we made a record-breaking 200 - a typical reflection of the enthusiastic and committed manner in which our students threw themselves into the work.

Our final camp was near Cusco where we worked on projects to improve sanitation for the local village, which despite being close to Machu Pichu, residents still live below the poverty line.

The final element of the expedition was a personal challenge for the students involving a five-day high altitude trek in the shadow of the magnificent Salkantay Mountain at an altitude of over 15,000 feet. The trek ended at Machu Pichu, the Incan ruins, which we explored.

It was an amazing experience for the students who worked incredibly hard to ensure they made a difference to the lives of the people who had so warmly welcomed us.

Many thanks to everybody who helped in any way with the fund-raising that contributed to making the expedition possible. We are hoping to share more photos of the Peru trip on our new website in November. Keep checking the site for an update.



NEW FACES, NEW FRIENDS

Getting to know each other was a big part of an action-packed; three-day residential trip for our Year 12 students at the start of September.

East Barnby Activity Centre, near Whitby, was the residential base for their Year 12 induction trip where students tried a variety of activities from windsurfing to kayaking.

The aim of the trip is to improve team working skills and to help the students bond. Although some of the students were previously at Malton School, others have joined the sixth form from other secondary schools in the area.

Assistant Head of Sixth Form Sue Holden said: **"Year 12 spent a fantastic three days at East Barnby. The sun shone and so did the students.**

"They had great fun windsurfing at Scaling Dam, biking at Dalby Forest, kayaking and canoeing into Whitby harbour. They finished off the day with a dip in the sea at Sandsend."

Year 12 student Leah Barker said: "I thought that East Barnby was really good fun. As well as having a great time doing all the watersport activities, it was nice to get to know new people."



DOCTOR FOR A DAY

Year 12 student Robert Ingram spent two days of his summer holidays on the hospital wards – not as a patient, however, but doing work experience at Leeds Teaching Hospitals.

Robert wants to study medicine after his A levels at Malton. He shadowed one of the hospital's consultant anaesthetists. Here is how the work experience went in his own words:

"The first day I was on a neurological intensive care ward where I got to see the less pleasant, but infinitely interesting, side of medicine. It was something I had never experienced before and was a brilliant way to learn about the brain and also about whether I would be able to cope as a doctor in that environment. I was also lucky enough to get to see open heart surgery and a bypass up close and personal.

"The second day (which is where the photo is from) I was placed in Chapel Allerton Hospital in an orthopaedic theatre during a complete knee and two complete hip replacements. I learnt a huge amount about the role of anaesthetics in theatre and I was also able to get a great view of the knee operation. This confirmed to me my interest in medicine and surgery as I kept wanting to join in and give the surgeons a hand.

The shadowing scheme in York has also meant that I have been able to get work experience twice at the hospital over two years in four different departments: anaesthesia in theatre, dermatology, A&E shop floor, and oncology. I am currently waiting to hear back from James Cook cardiology department where I have applied for a week's shadowing as well.

Overall shadowing has been vital in learning more about the human body, as the consultants I have been with have been very knowledgeable, and also about life as a doctor and whether I would be up to the challenge."



ALL IN THE MIND

Nine of our Year 12 psychology students attended a psychology conference at York University last term.

Around 150 students from various schools and colleges attended the event in the university's psychology department, visiting various laboratories and seeing the department in action.

The group listened to several talks on diverse issues, such as 'Play it again: Reactivating memories in the sleeping brain', by Dr Scott Cairney. They also took part in a practical session themselves about living in a new visual world.

Students had the option of carrying out their own research beforehand and doing a presentation poster about it. They were questioned by two members of the psychology department faculty at the conference about it - a daunting task!

Malton School had two teams, Rosalind Kelly and Heather Staples, who looked at 'Language and Actions' and Gemma McNeill who looked at 'Colour Perceptions'.

Rosalind and Heather won the faculty prize (a box of chocolates, a psychology mug each and a signed copy of the book, Memory, by world famous professor, Alan Baddeley).

Well done to all the girls who took part and to Heather and Rosalind for impressing the judges so much!



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