



Malton School

A Specialist Science School



SPRING
2016

SUPPORT INSPIRE THRIVE

THE MALTONIAN

TABLET TECHNOLOGY - GREAT TOOL FOR TEACHING AND LEARNING

There is a quiet, digital revolution happening at Malton - and one we are particularly proud to be leading. Along the way we are converting even the most sceptical student non-believers as they begin to see the iPad as being an essential tool for learning.

So what is the iPad for Learning scheme all about? Some parents found out what our plans are when we held a Parents' Forum at the start of 2016 to explain some key benefits and listen to concerns. Our vision is that by February 2017 all students, in all year groups in Malton School will have an iPad that they use in lessons. We want digital skills to be integrated into every subject area. The use of tablets means that as a forward-looking school we can offer more personalised learning and lessons are kept relevant and engaging for young people who regard technology as a given rather than a luxury.

Here are a few examples of how iPads are used in lessons:

During lessons, the Showbie app is used to enhance communication between students and teachers. Teachers are able to add instructions, documents or links to assignments and can even record voice notes to personalise feedback to students, after they have submitted work.

Students are also using a range of apps to explore different ways of presenting their work when asked to demonstrate their knowledge and understanding. Adobe Voice allows students to record their voice as they explain their ideas alongside images, music, icons and text.

(Story continued on page 2)



Year 10 students Matty Godrich, Isabel Donaldson, Kirsty Farrow and Mikey Mason using an iPad in a Food Technology lesson.

(Story from front cover)

Explain Everything is used as a mini interactive whiteboard which means students can create digital mind maps that have images, video links and websites embedded into them. They also then become an excellent revision tool.

The camera on the iPads has also become a great learning tool in many subjects: product design in capturing the stages in the design of a product; science in recording the changes to a chemical reaction; PE, music and drama by helping students evaluate techniques or performances through live recording.

Support for our digital vision comes from the highest places: in our Ofsted inspection in October 2015, inspectors commented:

“The gradual distribution of individual tablet devices is proving a very useful teaching tool. Students demonstrate faster progress due to the use of an application that enables teachers to give very personal oral feedback, which the students can access anywhere they choose to learn. Students find teachers’ creative use of the devices motivating”.

At the end of February iPads will have been rolled out to our Year 9 students, joining Years 10, 12 and 13 who already have them. Supported by our Year 10 Digital Leaders, Year 9 students will be taught carefully how to use their devices by trained and enthusiastic staff. One of them is Andy Hodgson, PE teacher and lead on implementing the iPad scheme: **“It is true to say the iPad for Learning Scheme is a fantastic and popular idea - embraced wholeheartedly by most students. It is a different route into learning and brings interest and stimulus for students and teachers.”**

BROADENING LIFE EXPERIENCES

Wednesday afternoons at Malton is sixth form enrichment time - a time for students to develop wider life skills. They take a break from lessons to join in a wide range of creative, sporting and vocational activities.

Drama enrichment is an opportunity for budding writers, actors and set designers to get involved in writing and performing the sixth form pantomime, as part of our Christmas celebrations, and help with the staging of the school production.

There are a number of our students who enjoy art, but don't want to study it at A level so in enrichment time they can show their creative flare and let off steam by painting scenery boards, murals and creating displays around school. In music, keen musicians get together and jam in the music block, as well as rehearse the tracks and tunes for the school's soul and jazz bands.

Other enrichment activities include cooking - preparing students for university life - and sport, there's a choice of netball, football, basketball and rugby plus competing in under-19 leagues. Non-competitive sport includes dodgeball, benchball, basketball and rounders. A group of our students this year are preparing for a charity bike ride in Europe this summer, and use Wednesday afternoons to get in some distances.

Work experience is essential for some students' portfolios so we have students helping at local primary schools, nurseries, old people's homes, the local library and the food bank. Meanwhile others want help with English and Maths and there are teachers available to help them improve, working in small groups. The students who have opted to work on an EPQ (Extended Project Qualification) might use this time to produce a piece of research or work on designing a product.

Finally, to help give the best advice and guidance on next steps, outside speakers are invited in on a Wednesday afternoon from leading universities and other organisations.



Murray Smith Year 13.

CREATURES FROM THE DESERT AND RAINFOREST

Our Year 8 students have had some very special visitors crawl, scuttle and fly into their geography classroom.

The amphibians, arachnids, reptiles and insects, who were invited in included sugar gliders (small omnivorous and nocturnal gliding possums native to Australia and New Guinea), fire salamanders, snakes, African hedgehogs, tree frogs, cane toads, cockroaches, giant African land snails and, hold your nerve, tarantulas.

In a series of hour long workshops, students were able to handle these unusual and special creatures and learn about the unique adaptations of different species in order to survive in their native ecosystem. Students in Year 8 are currently studying the desert and rainforest ecosystems in geography as part of the topic on People and World Environments.

One of the creatures, the sugar glider, native to mainland Australia and New Guinea, has the ability to glide through the air. Much like a flying squirrel they use their gliding membrane, which extends from their forelegs to their hind legs, as an aerofoil to control their speed and direction. This unique adaptation allows the sugar glider to move with ease covering a distance of 50 meters from tree to tree in the rainforest canopy.

Hannah Bowskill, Year 8, said:

“We were able to learn so much by just looking at the creatures, as we were handling them. It was really clear to see the sugar gliders’ extra skin that they use for gliding. I was surprised as well that the snake didn’t feel slimy, like I expected it to. This lesson has really bought the topic to life and I have a better understanding of how animals adapt to their surroundings.”

The creatures were brought into school by Marie Conway of Animals-In-Tuition.



Corey Dexter with a royal python called Eric. Photo courtesy of Gazette & Herald.

LET THERE BE LIGHT

Fantastically, nine students from Malton School have made it through the first round of a national poetry competition - and will see their poems published.

The Poetry Trials is a nationwide competition for 11-18 years olds encouraging young people to put their ideas into a poem and discover what it is that inspires them. To fire up their imaginations and get everyone's poetic juices flowing, some Year 10 students introduced the competition to the whole school during an assembly, using a film they had made with their iPads in which they interviewed staff and students about what poetry means to them and talking about their favourite poems. A collaborative poem written by a group of Year 7s was also shown on the theme for this year's competition - Light. To further help students prepare, some KS3 English lessons (for Years 7-9), focused on the creation of different types of poetry.

Kate Ward, Deputy Head of English, said:

"Poetry is a fantastic way to express yourself; even short poems can be packed full of meaning. The students, across all years, have written some imaginative, thoughtful and clever poems. The students whose poems are being published, have done particularly well."

The winning students' poems, on the theme of light, will be published in an anthology called, 'The Poetry Trials - Yorkshire'. Later in the year, the top 5 poets will be chosen from all the first round winners across the UK and will be invited to make a video for The Poetry Trials finals. A public vote will then decide the champion.

The list of our winning students from Years 7 and 8 are: Destiny Shepherdson Kathryn Swift, Daniel Hill, Marcus Raistrick, Arthur Rees, Alex Lyall, Kirstie Finlinson, Alexandra Marshall and Matthew Ireland.



The winning students.

JUMPING FOR JOY

All of the founding members may now have left, but the baton has been picked up by some of our youngest students, talented riders with a real enthusiasm for their sport.

Malton School has been a member of the NSEA (National Schools Equestrian Association) for many years. But recently has struggled to get enough young people to make up the teams needed. The new Year 7s, who started in September, have changed all this.

In November, two teams including seven Year 7s: Anna Stephenson, Alice Jeffery, Chloe Allen, Edward Lyon, Edwin Jackson, Hannah Lamb and Pippa Pillow-Charlesworth, travelled to Northallerton Equestrian Centre for the Grass Roots showjumping competition. Every one of them came home with a rosette; Alice, Edward and Edwin returned home with the title, regional champions.

The teams' latest outing, in January, was for the county dressage qualifiers. Here Charlotte Blenkin (Year 9) was sixth

individually in the novice class, joining Harriet Lyon (Year 10), Edwin Jackson and Edward Lyon to take fifth place in the team prelim competition. This was a real achievement as they only had a week to learn the dressage test.

Sarah Lyon, Harriet and Edward Lyon's mother, who is helping to co-ordinate the team said: "Some of the schools taking part are competing at a very high standard. Our aim with the Malton School team is, of course, to do the very best we can. But our number one priority is to have fun and enjoy just being there and taking part."

To find out more about NSEA visit www.nsea.org.uk



Some of our young riders in the school equestrian team.

UNVEILING OF NEW WAR MEMORIAL BY FORMER STUDENT

To mark last year's 70th anniversary year of the ending of World War II, Malton School unveiled a brand new memorial to recognise the sacrifice of former students killed during both world wars.

There is already, in the grounds of the school, a bronze war memorial in honour of former students who died in the First World War, but no memorial existed for those old boys who died during the Second World War.

The new memorial plaque, carved out of wood by former Deputy Headteacher Steve Fearnley, has been hung in the new East Wing reception area. This place was chosen as it was the school building in 1914 and 1939.

Rob Williams, Headteacher, explains:

"These were the corridors that our students-turned-soldiers trod; the classrooms in which they learnt and, I hope, the place that gave each of them some happy memories, in lives that were unfortunately cut too short. It is our place to remember and to honour the sacrifice that each of these men made in the protection of the liberty and freedoms that we continue to hold precious today."

A former student and serviceman, Mr Shaun Brosnan, of the Scarborough Royal Naval Association and Royal British Legion, unveiled the new war memorial. Canon John Manchester, one of the school's Endowment Governors, led the dedication, blessing and prayer.

Plans are in place to research each of the men who were killed and to produce display boards and a website-based resource, so future students can better understand the lives and times behind the names on the plaque.



HIGH ACHIEVERS - NOAH JACKSON YEAR 11

Noah has played football for York City Academy since he was nine years old. His journey started at the tender age of six when he played for Brooklyn. He was spotted when he was nine, playing for Heworth, and was asked to take trials. He now trains three evenings per week and plays one match a week.

Currently in the under 16s team, Noah will move into the youth team next year. From there he will play for two years under a scholarship which will see him progress through the club's academy, whilst taking an apprenticeship in conjunction with York College. At the end of the two years he hopes to secure a first team contract.



NETBALL

A number of our talented netballers have been selected to train with the district squads in their relevant age groups. Our Year 9 team are enjoying a great season, with a healthy win against local competition in the quarter finals of the district knock-out cup. There was great shooting and brilliant passing around the D between the girls, which created opportunities to shoot relentlessly. Unfortunately, they were knocked out of the semi-final. The Year 8 and Year 10 teams also reached the semi-finals. Teams in Year 7 and Year 8 are enjoying friendly games, again winning comfortably at times. The Year 7s, strangers in the team at first, have gelled quickly to make a strong impact on their opponents.

The Year 9 netball team back L-R Niamh Creber, Hannah Atkinson, Natalie Watson, Ellie Robinson. Front L-R Izzy Richardson, Charlotte Blenkin, Lexy Ilsley



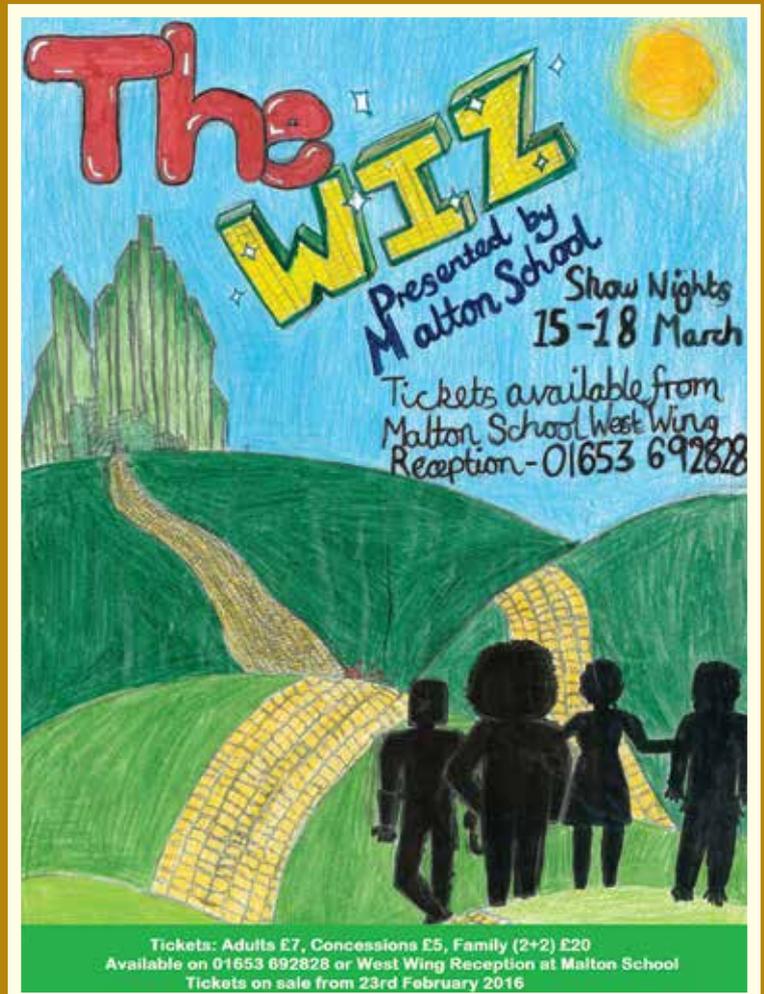
THERE'S NO PLACE LIKE HOME

So if you knew the central theme was: be happy with what you have, but still dream of finding a better place, would you know what Malton School's big production is this year? Okay then, what about if you knew there was a scarecrow, a lion, a tinman, oh yes, and a wizard and, of course, Dorothy? Yep, you've guessed it - The Wiz - this year's show is a musical based on the most watched film ever - The Wizard of Oz.

For those that came to watch it, last year's show - Little Shop of Horrors - was something spectacular: three nights of sell-out performances and rave reviews from young and old. A lot to live up to, maybe, but undaunted the drama and music departments have taken the bull by the horns. This year, like last year, it's a cast of funny and memorable characters - played by students across year groups - and a musical score packed with funky songs and motown tunes - all performed live.

For Heather Staples, in Year 12, and who plays Dorothy, she has loved rehearsing, adding: "The challenge for me is learning the songs: they require so much emotion and are difficult technically. But when you hit the note - it is just amazing."

The show opens with a matinee for invited primary schools on Monday 14 March, followed by 4 evening performances on Tuesday 15th - Friday 18th March. The show starts at 7pm. Ticket prices are: adults - £7, concession - £5 and family ticket - £20 (2 adults + 2 children). Tickets can be bought from Gill Harrison on West Wing reception, telephone 01653 605350.



Poster for the show designed by Charlotte Scott in Year 8.

STEM CAREERS DAY AT YORK

It was a chock-a-block day at York University for some of our lucky students who got the rare chance to work with dedicated scientists, meet busy professionals from the chemical industry, attend hands-on workshops and tour state-of-the-art chemistry laboratories.

Ten of our Year 11 students from Malton visited York University chemistry department this term for a special STEM careers day (Science, Technology, Engineering and Maths). They got their hands 'dirty' analysing vehicle oils using an infra-red spectroscope. This clever instrument very quickly produces a characteristic spectrum so that you can recognise which substances are present. This means you can tell instantly which type of oil you have; useful if you have a leak and want to know quickly which type of oil it is, for example, in Formula 1. The students also got to test the strength of sticking plasters, make a liquid crystal display for a calculator and prepare a skin cream.

Jon Steel, Assistant Head and chemistry teacher:

"What a fabulous experience for the students. The university brought this challenging and rewarding subject alive for them showing just how chemistry impacts on our everyday lives."



Jon Steel and Jamie Gough at York University.

BAH HUMBUG!

To mark Malton's inaugural Dickens Festival in December, and to celebrate the Ryedale Book Festival, A Christmas Carol cartoon-drawing competition was launched. First prize was awarded to Isobel Donaldson, Rowan Lyall and Monique Preston from Year 10 at Malton School for their creative and collaborative piece. Well done girls!

Renowned children's writer and illustrator Marcia Williams chose their creative, comic strip version of the famous Dickens' story. As part of their prize, the girls were invited to a private meeting with award-winning actor Miriam Margolyes at the Talbot Hotel. Many of you will know, Miriam played Professor Pomona Sprout in the Harry Potter series. On the same evening, the students also won front row tickets to see her show at the Milton Rooms. Runners-up included Malton School students: Amy Boyes, Elliot Bulmer and Matthew Hopkins, Lucy Jeffrey and Catriona Gorden and Kirsty Farrow and Anais Fletcher.



Isobel Donaldson and Rowan Lyall with Miriam Margolyes.

FOOTBALL

Year 9 boys progressed through to the quarter-final of the County Cup, having played some cracking games of football to earn their place. They managed to see off local teams before meeting an exceptionally strong Teesside team, ending their county cup hopes.

Both the U13 and U14 girls have had some great success so far this year. Both teams were entered into the English Schools National Cup and both reached the round of the last 64 teams (over 500 teams entered). This is a fantastic achievement given that it was our first time entering and the first season the U13s have played together as a team. Both age groups are also through to the semi-finals of the County Cup with games to be played in mid-February and the final in March. The U14s became District Champions at the one day festival, winning a five team event with 4 wins from 4 games and beating all local schools. They are also through to the district knock-out cup semi-finals which are due to be played in March.



CALLING ALL PRIME MINISTERS-IN-WAITING

Malton School has a vibrant, democratic and enterprising whole school council made up of students from eleven up to eighteen years old. Every half term, so 6 times a year, the students meet up for an hour, in the conference room, to make decisions on issues in school that affect them directly, and on topics in their wider community that matter to them.

All of the student members on the council are voted for by either fellow students or students and staff. They include house captains for each year, the key stage three leaders, the head boy and girl team and the senior student team from the sixth form, who also chair the proceedings. On the agenda this year, the school council has decided the dates for the non-uniform days and the charities they will support from the money raised. This year the list includes the charity L.I.A.M set up in memory of Liam Miller, a former student who tragically died last summer. In raising more than £800, it was school council members who organised and ran events throughout the school on November's Children in Need day.

More challenging topics on the table for discussion and debate this year have included: how to spend the bequest of £100,000 by a former student (Sheila Pratt) and changes to the school day. Like parliament, long meetings into the early hours (okay, perhaps some poetic licence) have taken place between the Head and the school council on the School Change proposals for next year - a topic we plan to return to in the summer newsletter. The next school council meeting examines the Positive Discipline system in school.



Our sixth form team who host the school council - Daniel Wildon, Joe Anderson, Eleanor Green and Alice Walker.

GETTING TO KNOW YOU...

With one term under their belts, and a superb start to the spring term, our new in-take of Year 7s this year are settling very well into the new routines and expectations of secondary school. The warm, sunny days of September might feel a distant memory, but isn't it always nice to take a look back?

Malton School, of course, does a lot to prepare Year 6s for their transition to the longer corridors and bigger classrooms of secondary school. There are maths master classes, and sports and cooking classes for Year 6s in school throughout the year - every visit helping to make the step up more familiar and friendly. There are two whole taster days, as well as Q&A sessions in their own school with Malton School staff and when Year 7s do formally join us in September, they start a day before the rest of the school.

But perhaps the memory that is most vivid for our youngest students is the team building day, the fourth week into the new term.

One of these team activities was the tremendous tetrahedron challenge where students, in groups of three from their form, had to very carefully follow drawn instructions to create a small three-dimensional tetrahedron. Each group then joined another group and linked their tetrahedrons together. This continued until the whole year group produced one colossal tetrahedron that brushed the gym roof!

The chocolate challenge - no, not one based on who could eat the most, although... But one where the children had to design, cost and market a box of chocolates that would represent the beautiful county of Yorkshire. Our budding entrepreneurs then had to construct a model of the packaging and sell their innovative design to the rest of the group. Is this where it all started for Richard Branson?

Of course, after all that mental strategising, a little physical activity was called for. Energetic games, quickly following verbal instructions and then competing with each other to solve challenges, were a roaring success - literally! The final session of the day was inter- form rounders.

Thanks must be extended to NYBEP, an education business partnership, and the RAF who helped us out on the day.



Year 7 Team Building day.

CROSS COUNTRY

Congratulations to our key stage three students who have been selected to train with the district cross country squads. Their first meet at Northallerton in mid-January was certainly a tester, with extremely wet and muddy conditions on the course. The girls coped exceptionally well with the conditions at the time. Those who have qualified will go on to the next round of the North Yorkshire Cross Country competition, to take place in Stockton.



L-R Katie Robinson, 35th, 14.22, Florence Pegrum, 20th, 13.10, Isabel Matique, 34th, 14.13 and Hannah Atkinson, 33rd, 14.04

NATIONAL PHOTOGRAPHY AWARD FOR DAISY

For a second year running and two years on from winning a national award for our excellence in teaching Geography, a third student at Malton School has won national recognition for her photography skills.

In the Geographical Association physical geography photograph competition - 'Earth Sculpture', Daisy Ferguson, age 14 and in Year 10, won 3rd prize in the 11-14 category.

Daisy's photograph and description of a dry valley, Welldale in the Wolds, led the judges to comment, 'this photo has a local feel - as if you could be there' and that there was, 'an interesting variation in colour throughout.'

Helen Wilson, Head of Geography, said,

"Daisy should be very proud of her achievement. This is a national competition that had hundreds of entrants nationwide. I am sure she had fun taking the picture and writing about it. It also shows Daisy's appreciation of her natural surrounds - never to be taken for granted."

Daisy added,

"It was great to find out I had got an award. I love walking in the Wolds with my family and dog. The dry valleys, just on our doorstep, are beautiful and special places."

In April Daisy will be invited, with her family, to collect her award at the prestigious Geographical Association awards ceremony at the University of Manchester.



*Daisy Ferguson with her winning picture.
Photo courtesy of Gazette & Herald.*

HIGH ACHIEVERS - MEGAN CLIBBENS YEAR 9

Picking up a leaflet, by chance, one day in school was to be a turning point in Megan Clibbens's life. The leaflet was advertising for girls to come and play rugby at Malton and Norton Rugby Club. A little over a year later, Megan now plays for Yorkshire - in the U15s Yorkshire Girls Team.

Asked if there is a family connection to the sport, she recalls a friend of her grandma played for Leeds Rhinos, but no, she is internally driven. Lucy, Megan's friend, reminded her recently what she said to her about why she plays rugby - it makes me feel alive. But Megan is also pretty fearless and readily admits that she's tough: if ever she gets in a scrape or hurt physically - she gets over it, quickly. Qualities that have served her well as she plays loosehead prop on the field. As a forward she needs a lot of strength and determination: particularly when she packs down at the front of the scrum. Megan trains hard once a week and plays matches most Sundays, depending on the pitch's condition. Fiona, her mum, is the team manager for Malton and Norton Girls. Megan says that it might just be to keep an eye on her! But she is not going to be unkind- she is well aware of the effort her mum puts in to keep her kit clean - every week.



PATHWAYS INTO SCIENCE AND ENGINEERING

For the third year running, Malton School and Derwent Training Association (DTA) co-hosted a science and engineering careers event.

Around 150 interested students and parents attended the evening event at Malton School to hear about the opportunities and benefits of studying and working in science and engineering.

Speakers included scientist Dr Paul Beales from Fera Science Ltd at Sand Hutton (formerly the Food and Environment Research Agency), Abby Powell a physics undergraduate from York University, and two apprentices including an ex-student, Frazer Stead. Frazer is working at Forum Subsea and completing his apprenticeship through DTA.

Other businesses present included MM Microwave, Ellis Patents, Swinton Technology and NYBEP, a local business education partnership. Gill Tate, our careers advisor from Aspire, was also on hand to answer any career queries.

Joe Rumney, teacher in charge of vocational sciences at Malton School said, "The evening really inspired and enlightened students about the choices they have when deciding pathways into science and engineering. It also introduced them to local companies and providers who can deliver personalised routes forward for them."

Over the last two years Malton School has been successful in securing places for a number of students on the higher level apprenticeship with Unilever. This has led to students being sponsored through university, whilst developing their careers with this global company.

Richard Shaw, Chairman of DTA and MD of Ellis Patents, added,

"DTA runs this event with Malton School to give the opportunity to young people to find out what they want to do. It helps them understand about engineering. After all, engineering happens anywhere business happens. The profile of engineering has gone up and when studying engineering, you are pretty much assured of a job at the end of it."



Richard Shaw, Chairman of Derwent Training Association, with Josh Barclay a Year 10 student.

CONGRATULATIONS AND CELEBRATIONS

At the same time every year we take the time to stop and pat our students on the back for the hard graft and progress they have made through the year. It is a special night, hosted by our Head Girl and Boy team.

Awards are presented in West Wing Hall in front of a packed and proud audience of family and friends, by teachers, staff and governors. The awards are handed out for academic achievement, effort and sporting success to students in every year group. There are subject specific prizes from music to maths and citizenship to languages; an award for Vocational Student of the Year and the House Cup to the student with the most house points; the Phoenix Achievement Award is conferred to the student who has overcome some difficulties in their learning, and an award is made to students who have received an award in five or more years during their time at the school. Students are further recognised for having gained four commendations in a year for either attainment, effort or improvement. This time that was about ninety students.

Here are just a few of the winners on the night:

Best young cricketer - Alexander Biles
History - Lucy O'Brien
Maths junior - Alexander Hatton
Vocational student of the Year - Rachel Dawson
Science - Thomas Raistrick.

Rob Williams, Headteacher,
"It is essential that as a school we praise, recognise and reward the students. The Celebration Evening is the pinnacle of our positive behaviour management system - capturing the students doing well and praising them for it. In our recent Ofsted inspection, the inspectors were all impressed by our students' behaviour."

Hosts for the evening: Annise Bertucci, Sam Carroll (deputy Head Girl and Boy) Madelaine Turner, Head Girl, and Barney Plews, Head Boy.



Headteacher: Mr R Williams

Malton School Middlecave Road Malton North Yorkshire YO17 7NH
t: 01653 692828 f: 01653 696871 e: admin@maltonschool.org w: www.maltonschool.org