

Head Talk....

Dear Students and Parents,

It's certainly been an interesting Spring term since January. You will have received my letter about our very odd Ofsted Inspection, we will keep you updated on this front as the Governing Body challenge the report. Thank you for your lovely emails of support for the school, they are very much appreciated by the staff team.

I cannot believe it is Easter already, the time just seems to fly by. Yet again we have been very busy with so many great activities taking place. As in previous years my two highlights of the Spring term are Rock Challenge and our Science and Technology Fair.

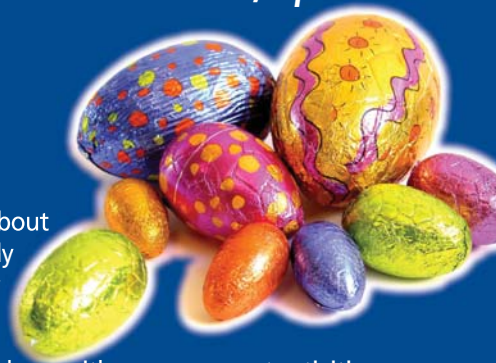
Our Rock Challenge cast performed admirably at the Gordon Craig and were presented with our 'Ten Year' involvement plaque and individual team awards for 'Positive Inclusion', 'Set Design & Use' and 'Costume for Character'. It was great to see so many Barnwell students involved again from Year 7 to Sixth Form. It is a wonderful example of student leadership; the students choreograph the dances, mix the music, make the props and also perform. Well done to our Rock Challenge team!

The Science and Technology Fair was amazing this year, and is certainly the headline event of our work with local Primary Schools. Numbers were up again with over 800 pupils attending, we had to hire minibuses and even I had to drive one! The fair was run by our Year 9 students, over 100 were involved in teaching the Primary pupils some amazing facts about Science and they had great experiments for the children to try.

When I read the Campus Times I am always amazed at all the different opportunities our students have, we are very lucky to have such great staff at the school who enrich our students' experiences with so many great activities.

Enjoy the read and have a lovely Easter break!

Mr A Fitzpatrick, Headteacher



The Year 5 & 6 Science and Technology Fair 2018

On Friday 15 March, 800 students in year 5 and 6 came to visit our school to participate in our annual Science and Technology Fair, in celebration of National Science and Engineering week (NSEW).

The day may be organised by staff, but our year 9 students carry out all the teaching. The students delivered activities from the areas of Biology, Chemistry, Physics and Technology.

Each primary school student had a sticker displaying a series of codes, to tell them where they needed to be for each 10-minute session of their 1hr 30 minute visit. The students had some excellent activities to try, examples included making a bridge, which supports a car, making packaging to support a falling egg, finding out if household substances are acid or alkali, examining snails and creating circuits with laboratory equipment or even fruit!

Many local schools attended, including Peartree, Ashtree, Knebworth, St. Christopher's throughout the day. The year 5 and 6 students were enthusiastic and eager to learn, our year 9 students were able to teach them extremely effectively.

We are extremely proud of all the year 9 students who took part; they all did a fantastic job supporting the younger students.

Mrs Butterfield and Mr Reavell



Mr Lund introduces the year 5 and 6 students to Electrostatic Forces with the Van Der Graaff generator.

Mr Reavell has the microphone to get everybody organised. Year 9 students in the background get their stalls ready for their first sets of students.

Continued overleaf

Achieving Excellence Together

The Year 5 & 6 Science and Technology Fair 2018

Continued

An account by a year 9 student, who was especially good at enthusing the primary school students . . .

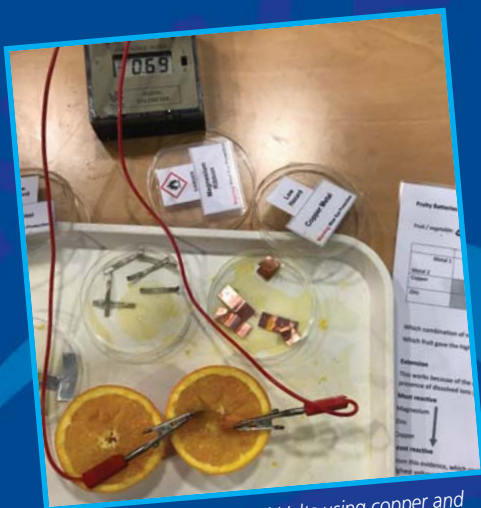
On Friday 16th March I took part in a science week activity and taught some year 5/6 students about Biology, Chemistry and Physics. During the course of the day I spoke to a lot of students and they were all extremely enthusiastic and ready to learn, which made it such a great experience.

When the day started, I spoke to 8 different groups of around 6 students about living organisms such as the snails that we had out for them to examine. George and I spoke about all of the different things that a snail does and the body parts that help them do so.

After we had finished the Biology section of the day, we moved onto Chemistry. We taught 8 groups of students about endothermic and exothermic reactions. We did two small experiments with all the students and we got them to handle the chemicals and cause the reaction. All of the students were very engaged and asked many questions, which we were happy to answer.

Once we moved on from Chemistry, we started to teach the students about Physics. We helped them conduct experiments where they measured amount voltage that could be produced by a piece of fruit or vegetable and two different pieces of metal. All of the students wrote down their results and compared them with one another, all of them seemed like they really enjoyed it.

Daniel Barry - 9x



The Orange produces 0.64 Volts using copper and magnesium electrodes. The students tried out a variety of fruits and vegetables with a range of metal electrodes.



Students try out an electric circuit they have created with a power pack, bulbs and a switch.



Different shapes had different lengths of flight time using the wind tunnel created by Mr Reavell and Mr Hull. Students enjoyed creating shapes and timing how long they remained in the air. This long spiral seemed to be particularly effective.



Equipment set out ready to measure temperature changes during reactions. Endothermic reactions are useful in ice packs as the surrounding temperature goes down. Exothermic reactions are useful in hand warmers, as the temperature goes up.



Adam Mays helps some primary school students understand measure current with an ammeter.



Ben Myles and Joe J Webb help students to identify pictures of different types of specialised cells.



Jessie Meddeman kindly brought in her African Land Snails, which she and Paige Walsh were able to tell the students about. The snails were happy to come out and show themselves to our visitors, but were quite worn out by the end of the session!



Luke Canney and Danni Chapman teach the primary school students how to use chromatography to identify inks.

STEM Ambassador Visit



One of the images from the talk to 7y, given by STEM ambassador, John Watson.

On Friday 2nd March John Watson, a STEM Ambassador, treated forty students to a talk on Space.

John has worked for Astrium in Stevenage for most of his career and part of his job involved helping to create parts for Satellites. John visits schools as a STEM Ambassador to enthuse students in amazing world of Science, Technology, and Engineering.

John took the students on a fascinating journey through time, explaining how man has developed his understanding of space and time and how space has been used throughout the centuries to create calendars and aid navigation.

John finished his talk by helping the students to understand how little we still know about the universe and linked this idea to a possible reason for studying the sciences at school. He explained to the students how qualifications in the sciences could lead to many interesting career options. The students were given a quiz to try, which was based on John's talk.

Winners of the quiz –

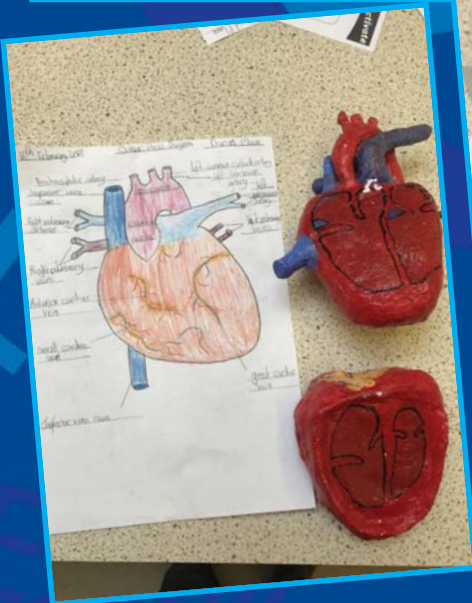
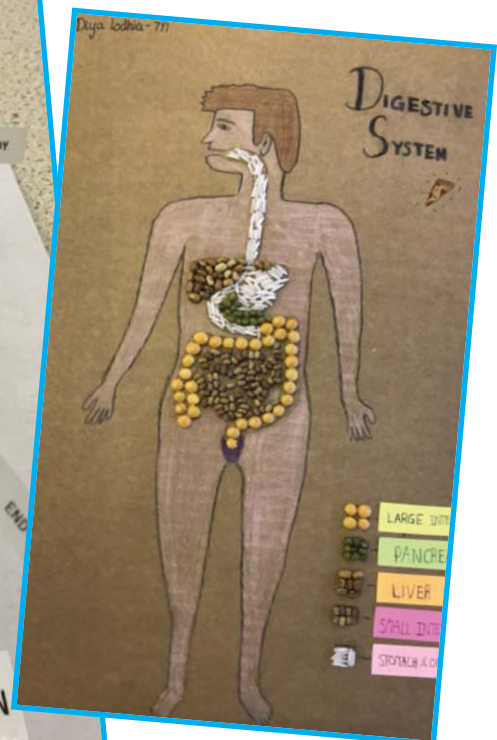
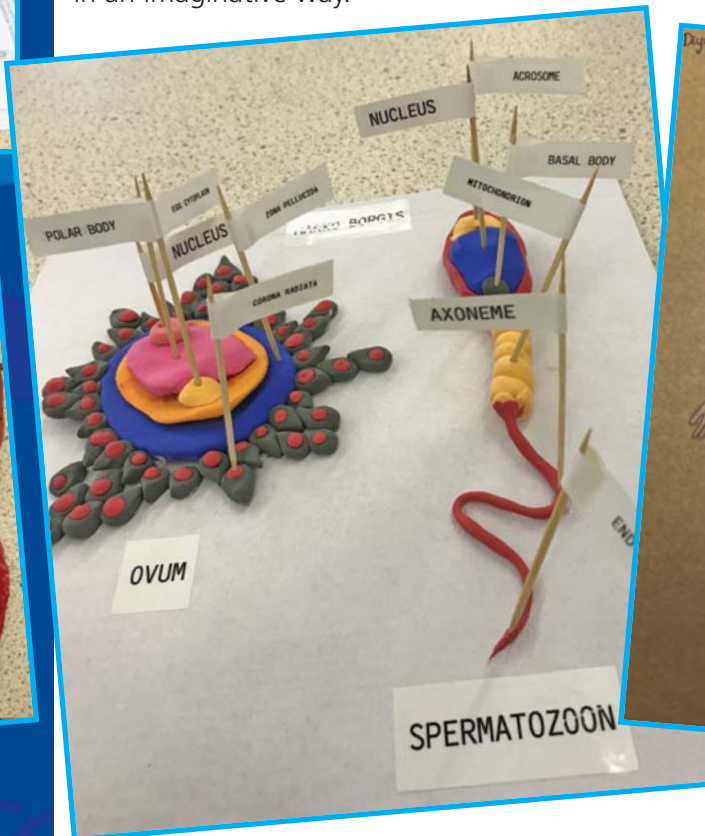
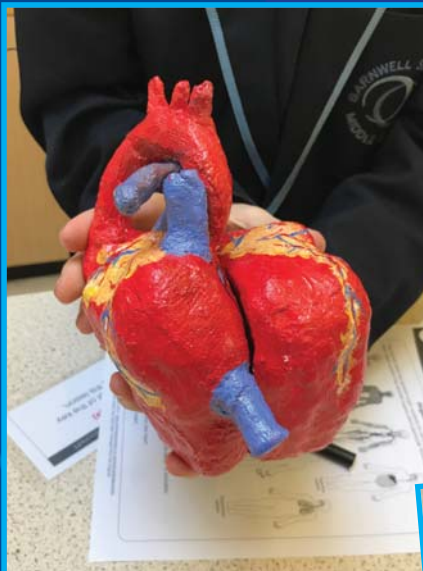
- 3rd Place - Emma Ross
- 2nd Place – (with one error) Ardi Jashanica
- 1st place - (with the whole quiz correct!) – Branwen Roberts.

Mrs Butterfield

7Y1 SCIENCE HOMEWORK – make a model of a specialized cell or an organ

Our 7y1 scientists were tasked with making a model, using household materials, of a specialized cell or an organ. We were amazed at the outstanding quality and creativity demonstrated by our students!

It is fantastic to see students putting in so much effort to demonstrate their learning in an imaginative way.



Year 9 STEM Challenge Day

Write ups
of the day
by year 9



Tyler Wake and Bobbie Wood work on their design and were rewarded with PRIDE points for their approach to the task.

The session included information about engineering and why it is useful. The task was to plan and build a rollercoaster for a marble, to make the 'ride' take as long as possible. I learned that engineering isn't just about building boring things because you can build cool things like missiles. I learned that engineering is important because it is needed to make every product there is.

Chelsea Street, 9y

My group started with a ramp going down to build up speed, then I made it last longer by putting in a loop de loop and a funnel. I enjoyed it because I learned a lot of new things to do with engineering.

Dylan Cripps, 9y

We worked as a team to build our rollercoaster, as we had two people cutting out sections and two people making the structure. Our rollercoaster went round the table and onto the floor. I think the session was very good and interesting because it is not something we do every day.

Billy Johnson, 9y

We solved the challenge by making our rollercoaster have as many turns and loops as we could. My opinion of engineering is that it is interesting. It can be irritating if something doesn't work or look good, but then you think how you can improve that.

Kornelija Ciapaite, 9x

In this session we first listened to a man talking about his engineering job, where he had designed bridges and local buildings. There were two other visiting speakers from MBDA, who showed us a video about the types of engineering they work in where they design missiles. We were told that the engineering industry does not have enough people starting out on careers, especially women.

We had over an hour to build our rollercoaster but it felt like 20 minutes. Our rollercoaster lasted for 8 seconds. Overall I did enjoy the day, it was very fun.

Molly O'Keefe, 9x



The Winning Team – their rollercoaster gave a marble ride of over 20 seconds, using a variety of twists, turns and funnels.

Students from left to right

Louis Hudspith, Paige Skutela, Harley-Ann Baynes, Paige Clements, Elliott Stewart

News from the Campus LRC's

The Upper and Middle Campus Libraries have had a busy start to 2018 with the cold weather ensuring that they are always full!

On Middle Campus we celebrated Hedgehog Day (February 2nd) with a Cake Sale to raise money for a local Hedgehog Charity. We raised an amazing £187. This money has already been donated and is being put to good use helping our local hedgehog community. You may have seen on the news the following week what an important cause this is with a massive decline in hedgehog numbers over the past 50 years.

Romance was definitely in the air for Valentine's Day with both Campus Libraries inviting students to have a **'Blind Date with a Book'**. Each book offered was wrapped up and labelled with a few key phrases to hopefully entice the reader in! Students were both surprised and pleased with their choices and many enjoyed titles they would not have considered reading otherwise. The Staff also held their own version of the event which led to some very intriguing new titles for some!

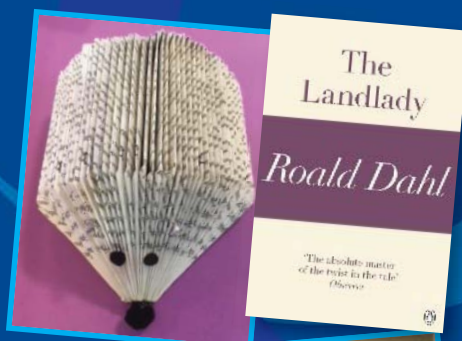
Our World book Day Celebrations were somewhat curtailed by the snow but all the students participated in a Whole School Read of the Roald Dahl short story **'The Landlady'**. As with all his short stories, the ending was somewhat unexpected!

In Middle Campus LRC we hosted students from Greenside for a day of Shared Reading with some of our Student Ambassadors. Once the reading was over, all the students worked together to draw characters from the books they had been reading. The ambassadors were amazing and Greenside thoroughly enjoyed the experience.

On Upper School Campus thoughts are turning very much towards the summer examinations which will be starting all too quickly after the Easter holiday. Up to date study guides are now available for most subjects so please ask the Librarian Mrs Knowles for details.

Do not forget to check out the latest Spring Displays on both Campuses. Upper has a historical theme promoting the My Story Diary series while Middle Campus is promoting some of the new book series purchased this term.

Mrs Craig and Mrs Knowles



ENGLISH

Crime and Punishment



Our 8X3 and 8Y2 English groups are currently writing news reports as part of their Crime and Punishment work.

For homework, the students watched a news report to observe how the presenters used tone to create a serious atmosphere. We have examined the report-type language used by the presenters and considered the importance of using FAP (form, audience and purpose) in writing.

The students are currently working in groups and have to write a news report, a piece of entertainment news and a sports report. The groups are to research old crime stories or make up the news in a believable and concise way.

Students have set their own homework within their group to ensure their tasks are completed and they are ready to perform this week. They will receive a Speaking and Listening grade for their performances.

The students have been incredibly enthusiastic about the task and have even requested to use the interactive whiteboard to deliver weather reports and extended news stories!

Ms Cowling

A Christmas Carol GCSE English Theatre Trip

In January, Year 11 English students kept the 'spirit of Christmas' alive with a visit to a performance of 'A Christmas Carol' at The Old Vic in London.

The performance was mesmerising and the set felt like stepping into a Victorian Christmas with even the ushers in costume serving mince pies and satsumas.

Rhys Ifans' excellent performance as Scrooge allowed the students to clearly see how Scrooge transforms throughout the story and the death of Tiny Tim even moved some of the students to tears. This combined with flying food and an original take on the ghosts meant it was definitely a memorable performance.

Miss Evans



CULTURE CLUB REPORTING...

Network at The National Theatre

Until 24th March, the National Theatre is the temporary home for Lee Hall's theatre adaptation of 'Network'.

Like the original 1976 satirical film of the same name, the play focuses on a fictional television network that is suffering from poor ratings. A middle-aged, opinionated, and *'mad as hell'* news anchor named Howard Beale is its protagonist, and in this theatre production, Breaking Bad's Bryan Cranston is playing Howard, to rave reviews. After Howard declares *'live on air'* that he is going to commit suicide, a narrative arc unfolds which questions the faith and attention audiences give the media on a daily basis.

Ivo van Hove's innovative, multi-media, set design creates an immersive world on the National Theatre stage, where the audience (seated both on stage and in the auditorium) experience privileged insight into the chaos on and behind the screen. At times, this is highly comical; at others it is deeply uncomfortable.

With its audience participatory motif of *"We're mad as hell and we're not going to take it anymore!"*, the show repeatedly asks the million dollar question: if you can't trust the people who are running the country, and you can't trust the media who are feeding you *'truth'* and *'reality'* – then who can you trust?

Beg, borrow or steal tickets to this show if you can. It is spectacular.

Paired Reading@ Barnwell

This year as part of our drive for literacy, we have introduced a paired reading programme to our year 7 students.

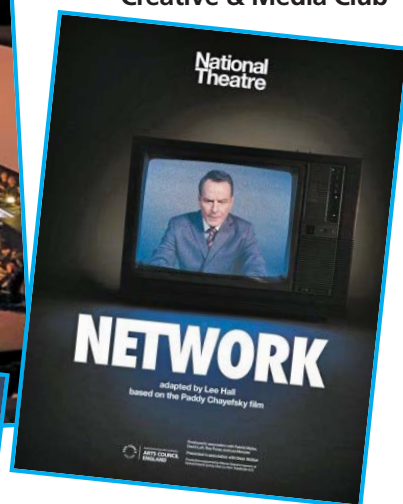
The initiative is designed to encourage students to foster a love of literature, as well as building on reading skills.

On selected days, a group of our high achieving year 10 students come to middle campus during registration time to meet with their year 7 'book buddy'. An engaging programme has been designed for students to follow. The programme guides students, encouraging them to read together. During this directed time, pupils' complete activity booklets and take part in online quizzes designed especially to target reading assessment criteria.

Year 7 students are building confidence in a comfortable learning environment, while the year 10 students gain leadership experience as they build their own confidence in these roles. The atmosphere is extremely progressive during these sessions and we are immensely proud of how independent our students have shown themselves to be.

As a school, we are committed to ensuring that all students develop their understanding of reading and that they are enjoying the experience to ensure optimum learning takes place. Well done to the year 7 and year 10 students involved!

Creative & Media Club



Faculty of Social Sciences Health and Social Care and Business BTEC Success

In September 2017 new BTEC courses were introduced where, for the first time, a significant amount of assessment is through externally assessed exam-style units. The current Year 13 students were the first cohort to experience these examination units. Last summer we had 100% pass rate but in January the BTEC Business and Health and Social Care groups have been particularly successful.

BTEC Business achieved 2 Distinction grades and 6 Merits. The BTEC Health and Social Care achieved 1 Distinction and 5 Merits. Congratulations to everyone who passed. Specific mention goes to the following students:

- **Joe Awiah and Tasos Lisseos** who achieved Distinction in their Unit 3 Personal and Business Finance exam.
- **Chloe Fogden** achieved Distinction level in the Unit 2 Working in Health and Social Care exam.

Miss Pritchard – Head of Faculty

Picture - Left to right –
Joe, Chloe and Tasos.



Year 12 Media Studies



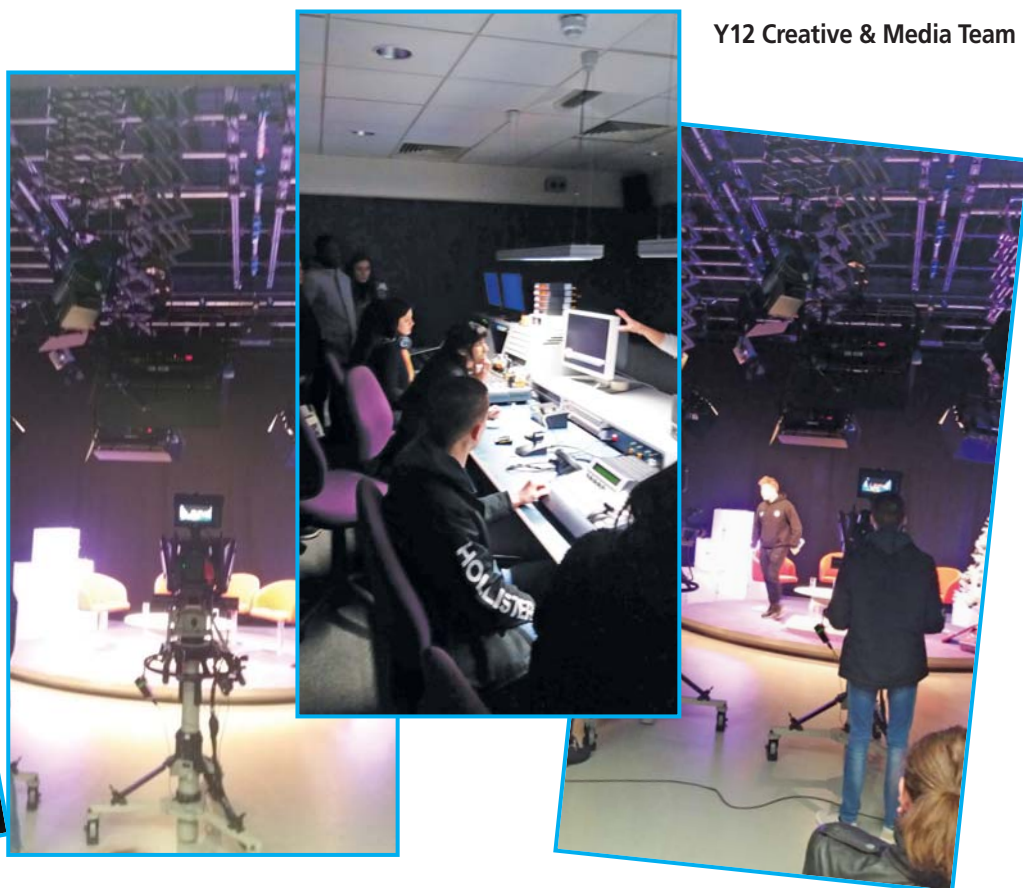
Visit to University of Bedfordshire TV Studios

On Thursday 18th January, sixth form consortium Media students were lucky enough to be invited to The University of Bedfordshire to observe one of their Media Studies classes. The University of Bedfordshire, in Luton, has a fully equipped TV **studio**, in which their students create, star in and broadcast TV shows. It comes complete with a fully programmable lighting rig, an editing suite and production gallery. Students at the university are able to create professional standard TV shows in industry conditions, some which are live streamed on the internet. They also have a fully operational radio station (radio lab) which broadcasts to the local area.

On this occasion, the students had invited some celebrities to take part in a chat show and Barnwell and Thomas Alleyne students were invited to be in the audience. We were able to see how a TV studio works. We witnessed the set-up, and rehearsal process, as well as acting as the studio audience in the live section of the show. We were also able to have a look round the facilities, including the production gallery, where the show is live-edited, and the dressing room and green room areas. It was a fascinating insight into how a professional TV studio operates, and how university students go about their studies and training for professional life.

The staff and students were all very welcoming and helpful, answering the many questions we all had about the process. We have been invited to return for a 'masterclass' this term, so watch this space!

Y12 Creative & Media Team



Holocaust Memorial Day Event

Aspiring Programmers and Games Developers Enjoy Talk from an Industry Expert



As part of British Science Week, the IT and Computing Department arranged for a visitor from the IT industry to speak to pupils across all Key Stages with an interest in careers in the area.

Dr Tommy Thomson, joint founder of Table Flip Games, also a senior lecturer in Computer Science at Anglia Ruskin University, has an interest in video games programming and the use of Artificial Intelligence in gaming. He started video game development as a hobby and it is now his career.

The students were able to try out first-hand the Beta version of a new game, Sure Footing, which has already been snapped up by Nintendo and will be available later this year on the Nintendo Switch. Sure Footing is a fast and frantic infinite runner about four friends saving their world from extinction. The world of Computra is under threat from the evil Ramrafstar and his ferocious minion Deletion Dave, who seek to destroy the partitions that hold everything together.

Dr Thomson spoke to the pupils about his experiences in the industry and about the entry requirement for Computer Science degrees and what they could expect to study on the course. He also answered questions about his career and the highs and lows of being a Games Developer – the disappointment of negative feedback on his game compared with the jubilation of signing an agreement with Nintendo at a gaming fair. He was an inspiration to many of our students, who are keen to meet him again to find out how the Nintendo launch goes!

Ms Hobden

Eleven year 9 students were invited to attend a Holocaust Memorial event at Borehamwood Synagogue, along with several other schools from Southern England.

This event was to commemorate those who had lost their lives due to the Holocaust in World War 2, but also to remember those that have died in holocausts since World War 2 in places such as Cambodia, Bosnia and South Sudan.

The students participated in workshops learning about the Jewish Holocaust. They were also given the rare opportunity to meet and listen to Holocaust survivor, Mrs Janine Webber, who shared her harrowing experience of Nazi persecution and the lengths she took to escape capture and being sent to a concentration camp.

The students were brilliant and thoroughly enjoyed the day. They returned having gained valuable knowledge that will be utilised in their future study of the Holocaust in History lessons as well as other areas of future study e.g. social sciences.

We were lucky enough to have had our picture taken with Mrs Janine Webber who spoke very highly of our students.

Participating students:

Ryan Garbutt, Sophie Hindle, Ty Lee, Tyler Wake, Samuel Harris, Hayden Davies, Ebony Galbraith, Mia Hancock, Amanda Jashanica, Reem Al-Hemyari and Bobbie Wood.



Mrs Janine Webber, in red, a Holocaust survivor and speaker.

MATHS



The Grant Stevenson Maths Photography Memorial Competition 2018

'Can you see maths in the real world, just by taking a photograph?'

Maths is all around you – in the street, shopping centres, railway stations, in fact everywhere you go!

The competition rules . . .

Take a photograph that encapsulates one or more of the options below:

- **Mathematics in the real world** – displaying some aspect of mathematical understanding or teaching.
- **Maths Life at Barnwell** – highlighting the people who study and work here
- **Mobile Maths** – images which have been captured and processed on mobile/cell phones. This includes panoramas, Instagram and Prisma shots.

If you are in upper school, you can also use a computer-generated image.

The competition will run from today until Friday 30th April 2018.

You must submit your entry by providing your maths teacher with an A4 paper copy of your photograph. This must include your name, maths set, year and college.

The competition will be judged at several levels.

Round 1 – Best in College for your year group

Heads of College and Year will select their three favourite pictures for each college.

Round 2 – Best in Year

Mr Ledster, Miss Biggar and Miss Bowles will decide who the winners are for each year group.

Round 3 – Best in Middle and Upper School

Mr Roberts and Miss Townsend will select the best in middle and upper school from the year group winners and will also decide which of these two winners will receive the Grant Stevenson Memorial Cup. Winner and runner up photographs will be displayed in the corridors and stairwells leading up to the maths department.

Year 10 Maths Enrichment Day 2018 - University of Hertfordshire

On 12th of February, a group of year 10 students went to the University of Hertfordshire to participate in a Maths Enrichment Day.

The day began with a set of individual tasks, followed by some very interesting sessions. During one of the sessions we learnt many ways to braid pieces of thread, using a shape made of cardboard and tried to work out the theory behind what we were doing and experimenting to see if other formulas worked.

Later in the day, we were put into teams of four, which were made of students from all of the different schools. We were tasked with making a cylinder that could hold 330 millilitres with the least amount of card possible. It was quite a challenging task, but made us think about what we were doing and what maths we had to apply to be successful.

We ended our trip with a lecture from Colin Wright about how we are able to predict things and how we were sometimes wrong in our predictions. He showed us some juggling and many jokes were made during the lecture. We had a great day and we definitely had to think hard about the maths that we were using to help us be successful.

By Keighley (year 10)

Intermediate UK Maths Challenge

Students in year 10 participated in the UK Maths Challenge earlier this year. Congratulations to the following students who achieved silver and bronze certificates.

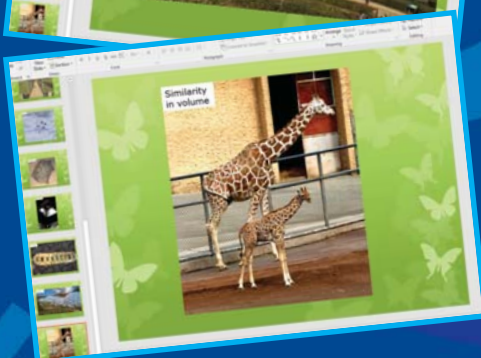
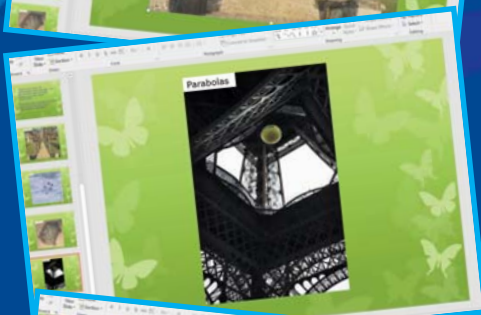
- **Muntaha Irfan** – 'Best in School' and silver certificate
- **Jasmine Rahman** – Bronze certificate
- **Amy Thomas** – Bronze certificate
- **Oliver Barnes** – Bronze certificate
- **Daryl Gondola** – Bronze certificate
- **Molly Rankine** – Bronze certificate

Well done to all of the students who participated!

Junior Maths Challenge

The Junior Maths Challenge is aimed at students in years 7 and 8 takes place on the **26 April 2018**.

To download last year's paper, extended solutions, and discover more about the Junior Maths Challenge, visit: <https://www.ukmt.org.uk/individual-competitions/junior-challenge/>



Some examples of maths photos from the last maths photography competition.



Le Touquet French Trip - February 2018



55 Year 7 students and 6 staff travelled to France on the Saturday of half term.

We had to meet at the Old Red Lion pub at 5:30am in the morning and went on the coach to the Euro Tunnel where, because the coach was so big, it took the coach driver three attempts to park it on the train! After a bit of a delay we were on the Euro Tunnel for 30 minutes before we arrived in France. When we arrived in France, everyone was cheering for ages. When we arrived at the hotel we waited on the coach to hear who we were in a room with. After that, we went to our rooms for a little while before we had a walk around the amazing equestrian centre and went to see some of the horses. After the equestrian centre we went back to our rooms to get ready for dinner.

After dinner (some people thought it was nice others didn't really enjoy it!) we then went to our rooms and went to bed at 9:00pm which never happened. The next morning, we had to wake up at 7:00am to go down for breakfast at 8:00am for breakfast - we had cereal, croissants and bread. After breakfast we then got to make our lunch with lovely fresh French bread (it smelt amazing).

Firstly, we went on a tour around the old town of Boulogne-Sur-Mer where Mr Mendelsohn and Mr Patching gave us a very interesting History talk about the links with the town and Barnwell School. After eating our lunch in the sunshine in the town square, we went to the sweet factory and saw the man making sweets. It was so satisfying that we even got to taste some and the flavours were very nice. After the sweet factory we went to the huge brand new aquarium and saw the jellyfish, sharks, fish, tortoises, sealions, crocodiles and penguins. Everyone really enjoyed it and then we went and had a run around on the huge sandy beach but it was so cold and the wind was blowing the sand in our faces.

Then we went back to the hotel we went to get ready for the quiz and dinner, the dinner was amazing. Later, we had 6 rounds of the quiz and there was about 5 different groups. The winning group all won a beret, a snow globe and a pen.

The following day, after breakfast we went to a Bee factory and a chocolate factory and it was excellent to see how chocolate was made. After that we went to the gift shop. It was so expensive but it tasted amazing! We then went to get back on the coach for the long trip home. We arrived back to school just before 8:00pm. The whole trip was amazing!

Lennie Clare – Year 7





Barnwell Rocks Again!



On 7th February, the Barnwell School Rock Challenge team performed at the Gordon Craig Theatre to a packed out audience.

We performed *'Who done it?'* which was a murder mystery themed piece inspired by the board game 'Cluedo'. We competed against many strong contenders from other participating schools in the Eastern Region.

We began rehearsals for the competition began back in September and students who participated this year ranged from Year 7 to Year 13. Lots of work and many hours went into creating and perfecting choreography and refining performance skills as well as organising costume, set and props.

On the day of the performance we spent the first hour on stage completing a technical rehearsal where the lighting designer, Grace Turner and video producer, Rebecca Springall mapped out their plans for the evening performance. We then spent the rest of the day watching and supporting the other school performances and cheering them on.

Whilst the students were getting ready for their final performance, we witnessed an array of make-up techniques, backcombing of hair and of course.... glitter! After a nervous wait, the students had their costumes on, the last minute prop checks were completed - it was finally show time!

The host introduced us to the audience and then our student co-host, Amy Jarvis, formally introduced Barnwell's offering. The performance went brilliantly, with all students playing their parts.

After a tantalising 8 minutes we finally found out *'Who killed Miss Scarlett'*, it was not Mrs White in the kitchen, it was not Reverend Green in the Dining Room.....it was Professor Plum in a jealous rage in the Ballroom!

The high level of performance, acting and dance ability, the brilliant soundtrack created by Alex Plummeridge as well as the organisation of our Backstage Crew was stunning and we could not have been prouder of the production the students created – we think you are all amazing!

Unfortunately, we did not win on the night. However, we won prizes for the following areas of excellence:

- Positive Inclusion
- Healthy Lifestyles
- Set Design and Function
- Costuming for Character.

Bring on next year's production.



**Miss Blackwell
& Mrs Brown**



Year 9 - Food option

Our year 9 students have been working hard undertaking research projects and investigations into how and why food is cooked and learning about proteins. We have also looked into high-risk foods and the causes of food poisoning.

Students have been experimenting with different methods of cooking by using different cooking methods, such as steaming, boiling, microwave, stir-frying, roasting and griddling to cook a portion of red cabbage. They then analysed the results and compared their findings with the other students in our class.

Students utilised the different cooking methods they had experimented with in their next practical lesson.

After Easter, the students will be looking at refining their practical skills as well as completing an evaluation of their dishes.

Easter Recipe Competition

Over the Easter holiday, see if you can find a savoury dish, which uses chocolate as an ingredient. Bring in the recipe and along with a picture, or email your dish to Mr Mendelsohn before the last day of April.

The competition winner will receive a cookbook, which will be during assembly in first week in May.

Good luck and be creative!!



Year 7 and 8

It has been a busy time with the Year 7 and 8 students this term, making some interesting new dishes from the menu. Below is a Jamie Oliver orange and chocolate shortbread, which has been popular with the students.

They have even asked to make more during their own lunchtime!

Students have had an introduction into high-risk foods, working with different types of pastry – a key skill for the students.

A big thank you to all the parents who have attended classes this term and we still extend our offer to all parents that wish to join us for food technology lessons.

Next term we will be looking at the skill of making a batter and then making light and fluffy pancakes with the year 7 students. Year 8 students have German Apple cake, which is a new recipe on the menu.



COOKING CLUB

Cooking club has been amazing this term. We have experimented with delightful sweet and savoury dishes including; ultimate toad in the hole with a caramelised red wine gravy, followed by gorgeous bread and butter pudding.

A big thank you to Loic Bardou, Stacey Postance, Mitchell Briars and Tommy Dolby who have been our top chefs this term. If you would like to join the cooking club, or if you are a parent/carer and wish to attend with your child, please contact **Mr Mendelsohn**.

Year 10

Year 10 students have been focussing on the healthy aspect of their course this term.

We have examined different dietary needs and conditions for different ages and people, healthy eating, and specific energy requirements. The students also looked at their ideal daily calorie intake by weighing, measuring and performing a scientific calculation to find out their Body mass index.

They then had to create a lasagne that contained one-third nutritional intake for a teenager.

There were some fantastic results and individual creativity demonstrated during the practical lesson. Students have also been researching specific illnesses such as diabetes, obesity, iron deficiency and cardiovascular disease to help them create suitable dish for that requirement.

Students have been learning research and presentation techniques to build confidence and resilience for their future careers. They have been amazing.

Year 11

Year 11 students have been focussing on their second NEA practical exam. The students have been busy researching their current assignment, where they have to choose three dishes from a European Cuisine to cook and present.

The students were off timetable for the whole day and started their day by preparing their work area, ingredients and equipment. They then had three hours to cook, prepare and present their three chosen dishes. Many of the dishes were of a very high standard and everyone completed the challenge - well done to you all.





On 16th March 48 Barnwell students visited the ExCel Centre in London to attend the biggest dance event in the UK.

The convention boasts a whole host of dance amateurs, professionals, teachers, celebrities and dance enthusiasts from all over the country.

If you are looking for a dancers' heaven, then look no further! The Move It Dance Convention has it all – crazy costumes, glamorous make-up, dance merchandise and whole variety of different dance classes to try out.

Students were understandably very excited. When we arrived at the event, a giant red carpet greeted us so we began our day in true VIP style! After getting our heads around the map and layout of this massive arena, it was time to explore.

Many stalls and stands were giving away leaflets and goodie bags. From posters to leaflets, pens and bags, sunglasses and fans – students received it all! A particular favourite with students was the glitter make-up stand – an essential addition to any outfit! This year we saw some new exhibits, the Roller Rink and the Acro-Pads where some impressive skills were demonstrated throughout the day.

Students were able to watch some amazing performances on the main stage by different dance schools, companies and universities. The performances varied from large group numbers right down to solos and duets. All students had the opportunity to select a dance class to participate in before we arrived; from contemporary to commercial, hip-hop to jazz the variety was endless. Forty-five minutes of hard work including shimmying, leaping, bum-wiggling and pirouetting soon passed, leaving students tired and but completely excited about their experiences!

Move It 2018 was an amazing day. It seemed to be even bigger and better than last year, which we did not think was possible! A big thank you to all the students who attended – you were amazing!

Miss Blackwell



Year 9 Emerging Schools Netball Tournament

Our year 9 netball team participated in an emerging school's netball tournament at Wodson Park on Wednesday 14th March. During the first two round robin tournaments we secured impressive wins against Highfield, Hertswood and St Marys with competent performances. Scores from the morning games were not included in the final results so we had everything to play for in the afternoon session.

Our girls showed determination and excellent team work in the final tournament. Our final placing was 5th overall. Congratulations to the team!

Kaci Clark	Rosie May Rogers
Harley Ann Baynes	Rhiannon Kidd
Molly O'Keefe	Shanae Doyle
Jayanni Nagarjan	Marai Chaves
Loiuse Havis-Carlisle	Abi Lambton



OAA

Problem Solving Lessons

Our year 7 and 8 students took part in some fun activities for their OAA (Outdoor and adventurous activities) lessons recently. Students had to work together to climb through the spiders web without touching the bars and ropes. They had a time limit to find a solution to the problem. Students also had to find a way to complete a group leg tie challenge, which encouraged pupils to communicate effectively and support one another manually. There were lots of giggles throughout. A fun learning challenge!

Mrs Carter



The Visually Impaired PE Day

Barnwell Upper Campus Leisure Centre



On Tuesday 6th March, I took part in a visually impaired PE day. My day began with an exciting game of 'Guess the Vehicle' on the short journey on the minibus!

When I arrived, I waited in the Leisure Centre for the day to begin. As I have been on multiple PE days, I had a good idea of what the day would entail.

Firstly, we played goal ball, which is a visually impaired sport. It is similar to football but is played on your hands and knees and does not involve as much moving around. This game primarily relies on your hearing because they use a ball with a bell in it, called a sound ball.

The next event was tennis with sound balls. This event was slightly tricky as all the balls sounded the same and I ended up running after everyone else's tennis balls!

One of the weirdest things I had to do was to walk across a ladder, made of rope, placed on the floor without stepping off it. We had to do this in bare feet; the rope ladder was uncomfortable to walk on. The fourth event was golf, which I think went quite well.

I enjoyed my lunch break with my Dad and then we played the final event, which was cricket. At the end of the day, all of the participants got a medal for taking part.

The only thing I would change about the day would be to add a bit more competition to the events, to make it more challenging and to give the participants a goal (excuse the pun!) to achieve.

Overall, the day was fun and I am excited to take part again next year.

Louie Titre, 8X1



Basketball Round-up

This year we have enjoyed another packed season of basketball action at Barnwell. Our year 7, 8, 9, 10 and seniors teams have all played between 4-6 fixtures each against other schools in Stevenage and North Herts and we are proud to boast that we are amongst the top schools in the district when it comes to number of basketball fixtures played. Our year 7 team enjoyed their first year together as a team and Mr Goodman is looking forward to developing them further next season.

Our year 8 and 9 students have shown excellent dedication to the sport this year with regular training sessions and lunch time practises in the gym. Both teams have significantly improved since last year, which was demonstrated in some very good performances throughout the season. Our year 10 team celebrated the excellent achievement of reaching the district final this season and were unfortunate to lose out to a very strong team from Hitchin Boys School. With the season now over it's back to the training sessions and preparations for next year.

Basketball practises will continue through the summer term.



Let's Go Lions!

In February we made our 5th visit to the Queen Elizabeth Olympic Park to watch the London Lions Basketball team in action at the Copper Box Arena. Many of our basketball players joined Mr Launay, Mr Cozens, Mr Barnett (special guest appearance) and myself on another successful and enjoyable trip. Sadly, the Lions lost on this occasion to a very strong Worcester Wolves team, but all staff and students had a great time watching some top class basketball.



Herts School Games Sportshall Athletics

Mrs Elliott and I were very proud of all of our athletes at this year's Stevenage Sporting Futures' sportshall athletics competition. Our **year 8** boys and girls finished 4th in the district, Y8 girls bagged the bronze medal and Y8 boys were delighted with their silver medals. There were lots of excellent individual performances from our Team Barnwell athletes!



Rowing

There were some amazing performances and results from our rowing teams. **GOLD** for the **u14** girls, **SILVER** for U12 & U14 boys and **BRONZE** for U12 girls. In the individual competition Jamie Lawrence won **GOLD** and Kaci Clark won **Silver**. Incredible efforts from all on the day. By winning gold our under 14 girls team deservedly qualified for the Herts School Games finals, where they will represent the Stevenage district.



VI Sports Day

In March we once again hosted the Herts **county** sports day for visually impaired students. Coaches and representatives from a variety of sports were at the day running events for students from Herts schools, including some of our own. A group of year 10 sports leaders from Barnwell were there all day and did us proud helping to lead a variety of events. The organisers and supporting staff were incredibly complimentary about our leaders. Team Barnwell in action again!



Football Finalists

Congratulations to our year 10 football team who, under the management of Mr Cozens, have made it through to the district final. The boys have enjoyed a fantastic season, making it through to the quarter finals of the county cup and only losing one league game all season. **Some of us press the final has not been played, but I'm sure our boys will do us proud. We are proud of them whatever the outcome.**

