



Challney News



NAME:

FORM:

March 2016

Letter from the Head



A message from our Headteacher, Mrs Havard

As we approach the end of another term, there is much to celebrate and this Newsletter barely captures the numerous events and achievements that our students have enjoyed over the past 11 weeks. That said,

I am sure that you will appreciate the reports and articles that reflect our students' contributions and achievements.

To be expected at this time of year, the School is especially focused on ensuring that our Year 11 students are fully prepared for the impending public examination season and we were delighted to receive unanimously positive feedback from our event for Year 11 parents, "How to support your child's preparation for their examinations". There are many opportunities for the girls to receive additional support, especially in the core subjects, with after-school revision classes, Easter revision classes and, in mathematics, Saturday School. Many students have a mathematics mentor and there are "hot topic" mini-meets at lunchtimes. All year 11 students will leave school at the end of this term with a checklist of their logins for the various support and revision packages that are available to them. I am very grateful to colleagues for giving up their precious time to support our students and I am delighted with the diligence and determination that our girls are demonstrating in order to achieve their best. Arrangements for study leave will be shared with parents and carers following the Easter break.

There is so much happening in School that it is often difficult to adequately report all events and to edit the reports sufficiently to fit in a termly Newsletter. Therefore, we are proposing that this is the last termly Newsletter and, when our new website is

ready, which will be shortly after the Easter break, move to weekly updates about newsworthy items. Whilst this will not be "live" reporting, it will cover many more events and à la mode. We are also hoping to enhance our communications through social media platforms and will apprise you about the progress that we make in this area.

The school encourages all students to regard themselves as "Global Citizens" and routinely raises awareness about many nationally and internationally recognised events. During the spring term we have, through assemblies, registration times, our weekly bulletin and foyer displays, reflected on World Interfaith Harmony week, Fairtrade fortnight, World Wildlife Day, World Book Day, International Women's Day, Commonwealth Day, International Day of Elimination of Racial Discrimination and, British Science Week. More recently, a group of year 8 students presented a fantastic assembly to acknowledge World Water Day, which challenged us all to think about our water consumption and how to conserve water. We are all looking forward to sharing the work that has happened following the recent World Poetry Day.

We are continuing to move forward with our ICT provisions and have expanded the Gaia 3-D equipment to the science department and a mobile unit for use in other curriculum areas. During our recent STE(A)M enrichment day, more details can be

Inside This Issue.....

Page 4 Oxford University Trip

Page 9 Spine Chillers

Page 12 Enrichment Day

Page 16 Good Causes Week

Page 18 Trip to Woburn Safari Park

found later in this edition, our 3-D printer was in full use and we have recently learned that we will again be sponsored to build a robot that will participate in an inter-schools robotics competition. The School is continuing to promote our girls participation in science, technology, engineering and mathematics and we were delighted to learn that now approximately 90% of our students are including a STEM subject in their 6th form choices as opposed to around 50% 2 years ago.

Following the highly successful Art and Design Careers Fair, held in 2014, we decided that this should become a biannual event and therefore we will be holding another Art and Design Careers Fair in November 2016. Do let Mrs Riach, Head of Art and Design, know if you have any contacts that could support us with this event.

During the spring term, the School has traditionally held our "Good Causes" fundraising week. This year was no exception, and the students surpassed themselves in their efforts to raise funds for Great Ormond Street Hospital for Children and World Appeal. We were all extremely humbled and proud to learn that, with the help of staff, the students raised an amazing £3648.78 in their spare time over just 5 days. Well done girls and thank you to all that supported this endeavour.

Shortly after the Easter break, we will be selecting our new Senior Prefect Team and Prefect Team and it is with heartfelt thanks that I say goodbye to the current teams who have carried out their duties reliably, with unstinting industry and have routinely achieved the very highest standards in all that they have undertaken. Well done to all!

The summer term will, as always, bring with it a balance between business as usual and preparations for the new academic year. With the removal of Summer School Funding, we are hoping to be able to fund and staff our own Summer School, given its resounding success in the past, which undoubtedly aids transition for our new Year 6 students.

Despite the many external pressures and uncertainties, the School remains resilient and determined to provide our students with the best possible experiences that lead to the best possible outcomes for all our girls. We are passionately committed to equipping our girls to become influential women of the future and we all wish our Year 11 students every success and hope that they achieve all that they want to in order to secure the future that they desire.

AIM GCSE Maths Conference

On Monday 23rd of November a group of Year 10s took the train to attend a maths conference in Camden Centre London.

After getting seated the conference began. It started off with James Grime, a mathematician, lecturer and public speaker, telling us about code-breaking and how it was used in the Second World War in an enigma machine. We got to see a real enigma machine and also how it works, which was very interesting.



At 12:15pm, Matt Parker, a Public Engagement in Mathematics Fellow at Queen Mary University of London, and a sell-out stand-up comic, spoke to us and showed us some tricks including how to work out the last 2 numbers in a barcode. We also learnt that all digital images are made from an excel spreadsheet and he proved this by taking a picture and magnifying so close that you could see the cells. All digital images are made out of different shades of

blue green and red cells. Although maths is known to be a very 'boring' topic he made it enjoyable.

After lunch, Professor Marcus du Sautoy, Oxford Professor for the Public Understanding of Science, Professor of Mathematics and co-host of the TV show School of Hard Sums, told us about probability and death. He said there was a man who once predicted his death and on the day of his death he committed suicide to make his theory correct.

The conference helped us gain a new perspective of maths and that maths is not always boring. It was a very informative yet enjoyable experience for all who attended.

Alena Watif 10R & Khadeeja Ashraf 10Y

Year 8 Maths Trip to Camden, London

My experience of the maths trip was amazing. We learnt a lot while we were there and I had fun. I would like to thank the mathematicians for their brilliant efforts and I appreciate the work that they have done for us. I would also like to thank the members of staff that accompanied us and kept us safe on the journey and while we were there.

My favourite mathematician was Matt Parker as he was a great comedian and made us enjoy our time even more than we already did. Also, the code-breaking machine was a fantastic piece of fragile art and it was a great mechanical machine. Finally, I would like to thank Dr Thomas Woolley of Wolfson Centre for Mathematical Biology as he made us incredibly alert to the zombie life that could be all around us.

I think that I would love to come to the next maths trip if there is one again and I would love to have a second experience of this incredible adventure. This was a mind-blowing experience.

Aminah Shahid 8C

The maths trip to Camden Centre was a fascinating way to see into the 4th dimension of maths. It was great to recognise the endless possibilities of maths and how it can change the way you think.

Matt Parker is a stand-up comedian who made the day truly special with his innovative methods of maths combined with fun.

Bushra Ibrahim 8M

Extra-Curricular PE Clubs



The PE Department has been very busy arranging extra-curricular clubs for the

pupils at the school. Luton Town Football Club continues to come and teach the pupils football skills. This half term we have had specialist coaches for handball and badminton. Here are some of our pupils in action at the clubs.



The Fashion Show



On 16th of December, the GCSE textiles group got an amazing opportunity to go to a fashion show at Barnfield College. When we first arrived at the venue, we were seated and then the fashion show began.

Throughout the fashion show there was a range of different themes that the students had to make their clothes based on, for example, one of the themes was 'the body is a canvas'. In this theme they showed a wide range of different arts on the body and the clothes were made of a range of recycled materials, such as; plastics, paper and wood-like materials.

After that there was a live musical performance which was remarkable. Once the performance was over there were another few segments where they showcased more of the students' excellent work.

The clothes were outstanding; knowing that they only had 3-4 months to prepare everything. Also the models were really great, they confidently strutted along the catwalk in the clothes the students had created. It was really nice knowing that they did all of it for charity. The charity is called Women's Aid, it is a Charity raising money for women who suffer domestic Abuse.

After they showed all the clothes there were a few more performances by students in the college, which were performed exceptionally. There was also a special guest, star blogger 'EzzakinsOfficial' who campaigns against bullying and has achieved so much at a young age. Her campaign is called, 'Be your own shade of Beautiful.' We were all very inspired by her and what she had accomplished so far.

Once everything was finished, comments were made by Aneesa Kiani (Head of the Creative Department)

and Helen Woolhams (Designer and Owner of Fashion Brand 'Hellavagirl.'). The Head of Barnfield concluded the fashion show by giving a speech, noting how proud he was of the students. While we were waiting for the coach one of the ladies who helped organising the fashion show came and talked to us about the textiles programmes offered at Barnfield College.

Overall, the fashion show was really entertaining and a great experience for us. Also, I would like to thank Miss King for organising the trip for us and to the team and students at Barnfield College for a fantastic experience.



Sunnina Shabaz Y10 GCSE Textiles

Oxford University An exciting day for Year 9s

On Tuesday 26th January, 15 Year 9 students were privileged enough to be taken to Oxford University in order to be provided with an insight to the brilliantly epic future that can be the great result of hard work.

The day at the university started with a briefing that showed us that the requirements needed consisted of mainly interest in the subjects that were going to be taken, not specifically intelligence. We were also told that passion could be the key and I believe that this connected us very well.

We then moved on to a realistic style of lecturing which showed us something that the level would consist of. I know that this lecture persuaded many

people to become more independent as they found out through the presentation that this level was much more to do with independent thinking.

We then had a short lunch break after which we continued with our day. The next part of the day was a tour that took us through the depths and origins of the splendid university. We saw many intriguing places like the great hall and grand garden but what caught my attention the most was definitely the main building that turned out to be over 400 years old!



Lastly, we headed out towards the natural history museum that was just around the corner. Although I really appreciated going through the doors of the past, I actually enjoyed seeing students from the university come and unwind with their notepads and pencils the most. By this I meant I loved seeing people that were free enough to be able to just come and relax.

My favourite part was being able to talk to my teachers freely about my career in the future as it made me understand that the teachers are really just in it for our well-being. I now know that they really just want the best for us and I now appreciate them even more – so a massive thank you to all our teachers!

Overall I loved it and so I would like to thank Oxford for having us and thank you for teaching us what it will be like in our university years. Thanks for showing us that we may be able to join and fit in with others. Most importantly I would like to thank the people that made it possible (teachers). I also really want to say that I hope we all have great things waiting for us in the future because the struggle we endure now will all pay off when we continue with our lives with many accomplishments. I really wish that others along with us have more opportunities like this.

Haleema Sadia 9R

Challney Girls V Cardinal Newman



Challney High School for Girls was invited to play football during half time at the Kenilworth Road football game on Saturday 12th December 2015. We all met outside by the turnstiles

and then we made our way to our seats where we were greeted by Daniel Douglas, the Community Trust Operations Manager for Luton Town Football Club. Daniel explained to us that once it is half time the whistle will blow and we will escort your team onto the pitch where you will play against Cardinal Newman. It was really exciting to be given the opportunity to play with thousands of people watching and cheering us on. We did a warm up and then went straight in to the game. Cardinal Newman was a strong team, however we played really well together. Challney Girls won 1-0 and we have been invited to play at Southend in the New Year. We would like to thank Luton Town FC for coming to our school every Tuesday and training us for opportunities like this, and we would also like to thank Mrs Thompson and Miss Smith for giving up their Saturday afternoon and accompanying us to the event. It was a dream come true!



Team: Taiba Mahmood, Ayra Hussain, Maryam Hussain, Hannah Hussain, Aisha Mohammed, Mahera Chowdhury

Year 9 Leadership Festivals



This term the PE Department have seen four Year 9 leadership groups plan and lead

Primary School Festivals, putting what they have learnt to the test. Bushmead Primary School, Moorlands Free School and Tennyson Road Primary School were invited to our school to participate in fun games. The leadership groups led the children as young as Year 3 to play parachute games, relay races, team building exercises, birds nest and mini athletics. The Year 9s demonstrated great confidence in speaking and leading their groups and playing games in a fun and safe environment.



Bushmead Primary School Sports Festival



I just wanted to pass on some feedback regarding the sports festival we attended in February with our Year 2 pupils. Overall the festival went very well and our children really enjoyed the day, so thanks again for inviting us. Of real importance to us is the amount of time the children were active during sporting activities. The organisation of the activities, and the day in general, meant that the children were always busy and this is a credit to the young leaders that ran the different stations. The Challney pupils were very impressive, with good, clear instructions and safe, enjoyable activities. As a result, there were very few behavioural issues from our pupils as they were always active and motivated.



All in all I thought the festival was excellent and on behalf of the school, I'd like to thank everyone involved for organising and running the morning, and for inviting our school along. Please consider us for similar events in future.

Mr Nathan (Head of P.E., Bushmead Primary School)

Year 7 Basketball Team



Year 8 Basketball Team



Well done to the Year 7 and 8 Basketball teams that competed in the Luton School tournament held at Luton Sixth Form College. Both teams came up against strong opposition, however they showed enthusiasm, determination and teamwork throughout all the games.

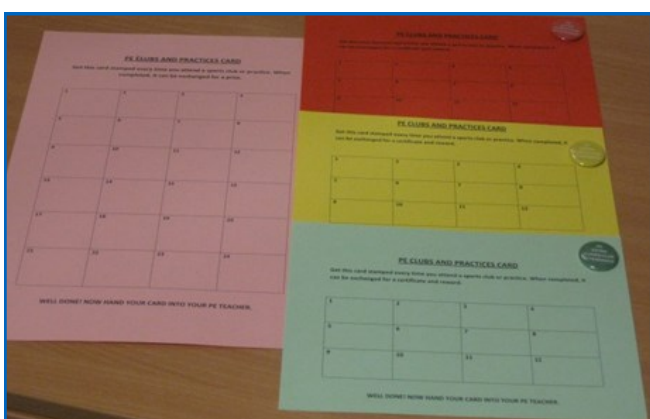
Year 7 Team

Mahera Chowdhury
Aisha Mohammed
Hannah Hussain
Maryam Hussain
Taiba Mahmood
Arshamrit Kaur

Year 8 Team

Aji M'Boob
Rahma Abdillahi
Misha Pandya
Attia Haq
Ayra Hussain
Taniya Shah
Prabhneet Purewal

PE Rewards



Pupils who show consistent progress and attend regular extra-curricular clubs are rewarded by the PE Department. Pupils start with a red extra-curricular club card and once they attend 12 clubs they are rewarded with a red badge and given a yellow card. Once the yellow card has been stamped with 12 club attendances they are given a yellow badge and given a green card to fill. Once they have filled the green

card with extra-curricular stamps their names are put towards a PE reward trip. The pupils then receive a pink card 1. Upon attending a further 24 clubs and filling their pink card 1 they receive a sports water bottle. Once they have attended and filled another pink card 2 they will get a sports bag and when they fill pink card 3 they will receive a pink football.



Geography News

In Geography we have jam packed lessons full of amazing facts. The juicy information about the UK nourished my mind. The keywords we have learnt have been very informative as we clung on to them in our minds. We, as a class have also learnt more about our town, for instance, it was famous for hat making and Vauxhall cars. Did you know that?

Dhaneza Mohan 7I

Getting our brains ready

Every place we learn about

Out in the world we see our lesson

Global goals we learn about

Ready to start our lesson

After class our minds are filled with new information

Putting our minds together and having fun

Having to see and learn about new areas

Yell out loud...

"WE LOVE GEOGRAPHY"

Zainab Khawar 7I



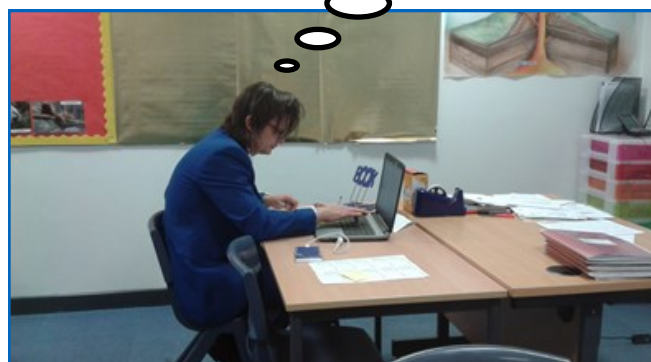
Year 9s have been making volcanoes as part of their Natural Hazards topic.

In Year 7 the subjects that have grown to become my favourites are Geography and English. I have always been fascinated by the many wonders of the world and have always enjoyed learning new things. Learning about different countries and cultures has definitely brought out my unknown talent for Geography. One of the activities that has interested me most is the maps. The maps enable me to understand about population and temperatures.

My lessons make me want to discover more. Ultimately Geography is by far the best.

Aaliyah Khan 7C

How long is the River Severn?



Spine Chillers

What lurks in your imagination?

Many KS3 students have entered a writing competition. Selected entries will be published in a book which will be distributed nationally, some examples of their work are shown below.

The winner will receive a Kindle Fire and £1,000 for their school.

Good luck to all of the entrants.

Ms Allen

WHO'S THERE

By Zainab Hamer 7A

It was a rainy night. Typical British weather I thought. Everyone was in bed but I just couldn't get to sleep because of the recent noises I have been hearing. Mum says that I am just imagining, but I know I'm not. Then.... A cold hand touched my shoulder. I felt a breath-taking shiver run down my spine. My mouth opened to scream but the ghostly figure trapped my breath and tried to suffocate me. Then suddenly, "Thud". It was a knife but where did it go? Beads of sweat trickled down my face. Gasping with fear, I stood paralysed.....

ONLY A NIGHTMARE

By Najeebah Kamil 7V

I heard the same noises again and again. I couldn't blame it on my imagination this time. It felt too real. Heart thudding in my chest, I stepped onto the floor. Darkness hung in thick curtains around me. Creak. THUD! There it was again. My heart stopped as I reached for my torch. It was right in front of me! I turned the torch and lifted my eyes slowly. Cold air rushed into me as I flew my eyelids open. Light fluttered from my window, illuminating the room. I sighed, sinking into my pillow. "Only a nightmare", I told myself.

THE GRAVEYARD SELFIE

Shrisha Hussain 7A

The clock struck 8:00pm and I leant back on the rusty pillars, listening intently to the conversation going on. Stephany - the new girl - began whispering to her so called friend. I could feel the emptiness of my soul as I understood what she blabbered "Rumours are that THAT graveyard," she pointed near the church, "is haunted, people get possessed at 12:00pm". I didn't believe her at all. Time tediously ticked by and I walked towards the graveyard. I raised my phone and took a selfie. Beside me was a pale Stephany figure "it's about time someone comes to join me!"

LOST

Saarena Jarra 7V

The storm was brewing. I was lost upon the moors, no-one was here. How did I get here in the first place? Suddenly I saw shelter, a cave. Would it be safe? Anything could be inside. Anything. To be honest I had no choice, the rain was heavy. I entered the dark, gloomy cave with only a lamp for light. I moved further and further into the cave. Suddenly I realised I couldn't find my way out. Out of nowhere I felt a cold, bony hand touch me....

THE MONSTROUS MANSION

By Safiyyah Umar 7R

That was it. That was where Mum had directed me to go. It was a spooky mansion, I could feel it in my blood. I went in and just like legend had it I didn't return. It stole Stacy's life and I should have known it was coming for me. On that day it was cold and rainy, I had no choice but to go in. Regret came over me but the door was shut so I called Stacy, "Hello? I'm upstairs. But listen, you must leave..." It got cut off. A sudden growl. I turned and shrieked.....

It has been a busy term in the Library with an increased number of students borrowing books for both study and reading for pleasure.

Many of the students in year 7 and 8 have met their personalised targets for Accelerated Reader and have received a variety of awards for doing so. Many of these students have already read over 1 million words since October and will be entered into the prize draw at the end of the school year.

The Accelerated Reader Millionaires are:

Year 7

Ikram Kouroughli
Munira Mohmoud
Shahliza Roshan
Natashah Qureshi
Manal Faris
Farzana Khan
Aneeqa Afsar
Kashaf Zahid
Hiba Haroon
Malikha Hussain

Year 8

Faatimah Bint-Shahed
Aji M'Boob
Alishah Kurshid
Huba Kamran
Atiqa Fatima

Library

of entries across the years and a lot of them were filled with amazing ideas and excellent use of English techniques.

Miss Harlock, Fillipa

Kwapong, Miss Ponsonby and I had a difficult time choosing the top three so we decided to have four winners instead. They were awarded their prize (a book of their choice) by Mrs Havard in the library on World Book Day."

Areeba Malik 11L, Senior Library Prefect

Congratulations to our 4 winners:

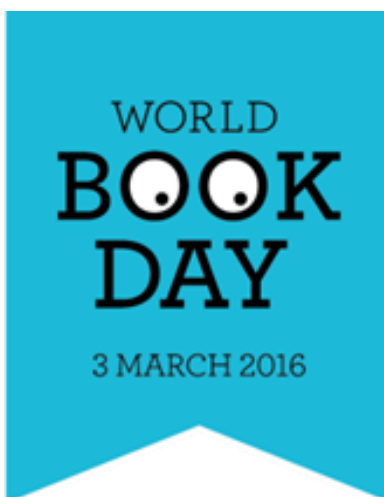
Shahliza Roshan	Ayra Khan
Jesenia Khan	Hasina Khazmi

This is how some of our students felt about taking part in the competition.

"Story writing becomes alive as each word is written down and it absorbs you into its imaginary world. I love to explore these different creations and create a world of my own. In the beginning I didn't have the confidence to enter this competition. However when I did I realised that it was the right choice. My friends cheered me on and I attained courage. The surprise when I found out me and my friend had won together it was such a coincidence. I was truly happy because my efforts had been rewarded. Now I want to enter the future competitions that will come. Moreover I hope this will inspire other people to write wonderful stories as well because it doesn't matter if you win or not it's how much aspiration you've put into it."

Ayra Khan 8A

"Writing is my passion. Looking at the world around me gives me so much inspiration to



On the 3rd March we celebrated WBD with a variety of activities and competitions. £1 World Book Day tokens were distributed via form tutors. In the weeks before, the students were invited to take part in our 5 Sentence Story Competition, this

was the brain child of our Senior Library Prefect Areeba Malik, here is what she had to say on organising the competition:

"This year on world book day we held our own competition in the library. We asked students to write a five sentence plot story with a title. The competition received a lot

write and come up with imaginative ideas. Coming up with a story is all about what mood you're in since it affects your writing style. Writing my story I had just finished a mystery book that was filled with horror so I had plenty of ideas buzzing in my head to use. Reading is the best way to come up with unique ideas for your writing and limitless vocabulary so I highly recommend it for everyone."

Jesenia Khan 8A

Prizes were also awarded to year 7 and 8 students who had designed new covers for some of their favourite books in their English lessons. Four book covers were chosen from a large selection of entries.

Congratulations to our winners:

Mahira Hussain	Zayna Buthool
Thamjidah Hossain	Eeman Syed

The book covers and the stories will be displayed on the noticeboard outside the library.



Awarding competition prizes in the Library on World Book Day.

Next term looks like it will be just as exciting with updated IT equipment arriving very soon, Children's Book Week and the Scholastic Book fair in July and Miss Taubert and I will also be launching a new Historical Fiction Reading Group for KS3.

Happy Reading Everyone!

Miss Harlock, School Librarian

UKMT Cambridge Trip

It was a very exciting day when we participated in the UKMT team challenge and we all had a lot of fun. We had a good start to the puzzles to get our brains warmed up. Before we started the actual puzzles we had to change teachers, we had the deputy head of Wesbick Grammar School. The pleasing fact for us was that we did not come last. At first we went downhill as we didn't do very well in the group round, however we did better in the cross number but we did very bad in the last two challenges. There was only one Year 9 and three Year 8s. Overall it was a very fun event, we had scored 88 points altogether. I would recommend others to participate next year. It took a while to get there and come back but it was worth it. Cambridge University itself was very beautiful.

Aneesa Ahmed 8A

I couldn't help feeling sick when I got off the bus, you would too if you had a butterfly migration in your stomach. My first step on the Cambridgeshire soil had jarred me, causing my blood to turn to molten lead and the one bubble of hope inside me to burst.

I remember gritting my teeth, pushing aside the nerves and then stepping forward, prepared for whatever the day threw at me..

While Cambridge University was pretty, the Maths sums weren't. Meanwhile, my anxiety had been replaced with ultimate fear. Everyone here was from private school's or grammar school's. Everyone had prepared for the UKMT team challenge - everyone but us.

That's why the day was full of working my brain into overdrive, stamping on red crosses and zero's and sneaking pringles while the presenter went on and on (sorry Miss!). To be honest, I think we did well, we didn't win but we didn't come last either.

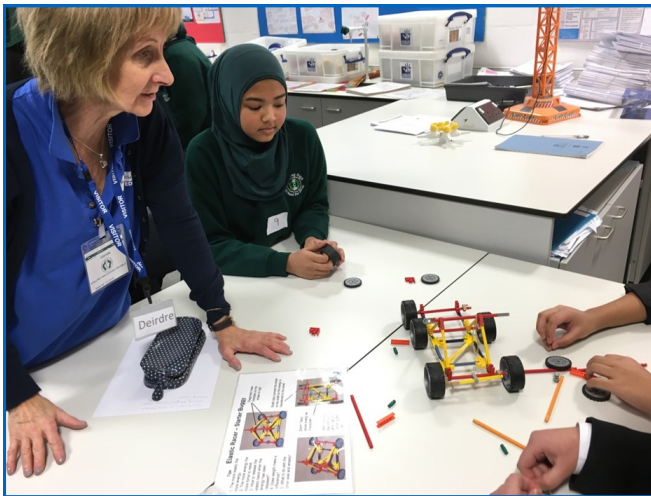
Our real motive was to enjoy ourselves, so none of us were disheartened when we came 28th out of 29 schools. We learnt something more valuable than 'how late Jenny was for her dance' or 'why Miss Thomas pulled out a green glove instead of a red one'. We experienced the bittersweet feeling of losing. While we have had our good share of being humble losers, I am sure we can do better next year.

Huba Kamran 8N

Year 9 Enrichment day – Engineering

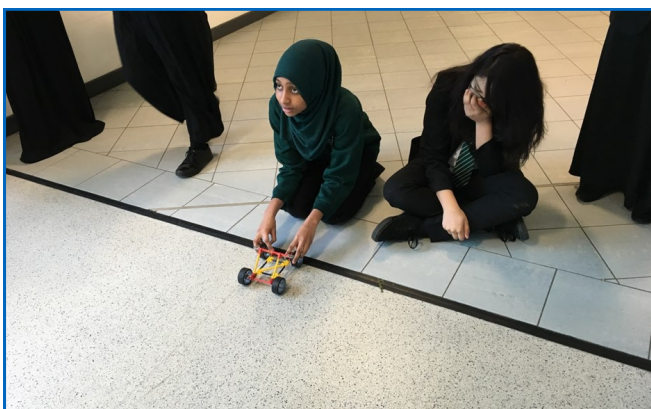
On Tuesday 9th March, Year 9 was privileged enough to have people come in and guide them towards the possibilities in engineering. The year was split into 3 groups. Group one had 120 people, group two had 30 people and group three had about 50 people – I was in group two.

My group's session was led by "Energy quest" and our day was further split into 3 activities. Before we started our actual activity we had a briefing that talked about the real meaning and purpose of engineering and careers that are possible and part of engineering.



ACTIVITY ONE:

Activity one was 'Buggy building'. In this activity our sole aim was to create a car/buggy that would travel as far as possible using elastic potential energy. We were all given instructions on how to build a basic frame from which we had to develop our ideas. We were allowed to have a few test drives and everything we used was up to us. During this activity we learnt that the lighter the actual car the further the buggy would travel but also that tyres were key to traveling in a straight line. Everyone enjoyed the competitive atmosphere and were glad that the day started with a fun and creative activity.



ACTIVITY TWO:

Activity two was 'Energy source debating'. In this activity we were in groups of three. How the activity worked was that each group was given an information card that talked about a certain source of energy. There was two of each card so the teams that were given the same cards had to decide if they were for or against the type of energy source. For example, say if two teams had coal the team FOR might say it is the most common and easy resource whereas the team AGAINST might state how it is a major contributing factor for global warming. The main purpose was to get people towards a certain source of energy. The debate was very engaging and everyone loved the idea of planning and debating – it was very different from the first activity.

ACTIVITY THREE:

Activity three was 'Charging cars'. During the course of this final activity we were asked to charge a pre-made car with a certain set of volts. When we had charged the car with a selective set of volts we would have to see how far the car would travel with that charge. This was the base of the activity which then developed to a more complex stage. After collecting our result we had to plot a graph that we could then use later on. We had to see what charge would allow the car to stop exactly after 3 metres. Most people enjoyed the connection and development from one activity to another.

Overall the day was enjoyable and we learnt a lot. We especially enjoyed having someone different to teach us in a new and unique way.

Haleema Sadia 9R

Enrichment Day 2016



On Tuesday 8th March, a lady from the Small Piece

Trust came to help us on Enrichment Day. Our activity was based around designing and creating a wind turbine prototype as a form renewable energy. We were placed into teams of 6 and everyone was allocated a specific role for the day, for example there was a project manager, finance manager, product designer, resources manager, market researcher. Everyone in my team had worked well and enjoyed the day. Our successful teamwork led us to come third place in the event.

Renewable Energy was the main focus for the session and the reason how it was related to Science. Creating a wind turbine was our form of renewable energy. The wind turbine would be an alternative to the non-renewable energy being used, such as fossil fuels, doesn't produce Carbon Dioxide emissions, therefore the wind turbine would be an efficient and durable option than non-renewable sources.

Working as a group on Enrichment Day helped me build up on my teamwork skills as well as my leadership skills. As the Finance Manager, I had to keep account of the money being spent and the cost of each item, which helped me build on my accounting skills and become aware about prices and costing. Overall, I had enjoyed the day and the activity was successfully completed.

Heenal Vyas 9E

STEM Enrichment Day



On Enrichment day last week many of us had the chance to take part in a day run by the Engineering Development Trust (EDT). Each group was given the challenge to create the longest rollercoaster possible, which had to allow a marble to run through it, with only the limited resources that were provided to us. This stimulated creativity, and encouraged us to work as a team. In the second task,

we had to create a buggy out of K'Nex and a few other supplies. The team with the fastest buggy won. This was my favourite task, as working with K'Nex was a lot of fun. The final task challenged us to form a bridge out of paper that could hold some wooden blocks. The tallest bridge that held the most blocks won. This was challenging but also pushed us to work under pressure and made us think outside the box. Overall the day was exciting and very inspirational.

Zaina Aris 9C

Tae Kwon Do Taster Day at Challney Girls



Upon receiving a request from The Challney Girls School Council to run martial arts sessions, the PE Department have organised Tae Kwon Do sessions due to start after the Easter holidays. We ran a taster session with Miles Lutwyche. Miles is a 6th Degree Black Belt Master of T.A.G.B. Tae Kwon Do, former English champion and coach to male and female World and European champions.

TKD is the perfect sport for children to take part in, as it helps not only with fitness but mental strength, development and a great sense of achievement. Focusing on confidence, co-ordination, respect, teamwork, discipline and communication skills. The pupils enjoyed the taster day with Miles and are looking forward to the sessions after Easter.



Laborious Lunch Party

The PSD group decided to host a party for their teachers and parents for one of the topics that we were doing, which was called 'Working as a Group' which allows us to learn new skills and how to work as a team.



In early November, the group decided to plan for the party which was going to be in January. We discussed what kinds of food we would serve at the table, what kinds of decorations would be placed on the table, who would be team leader of the group and who would make the food.

The group started to research what kind of food would be served at the party. We chose tuna and cucumber sandwiches, cheese and onion sandwiches, salad, chicken curry, leek and potato soup, wraps, cupcakes, Swiss roll and fruit cocktail. We went to Tesco to buy the ingredients for the party. Next we made flower decorations for the tables and placed them graciously. Thirdly, we folded napkins in hat shapes which were placed on the tables to be used by guests.



We made invitations for our guests and name cards

so they know where to be seated at the table. Also, we personally gave out invitations to our teachers and parents.

On Monday 11th January 2016 we hosted the party. We started at 9:05 in morning in the Youth Zone and missed all our morning classes. Sheila Khan and Rubi Mustafa made vegetable curry and chicken masala curry with rice. Tanni Khanom made cupcakes and Sumaya Sikder and Fareeha Janoon made salad. Nurun Begum and I made wraps, leek and potato soup, sandwiches and fruit punch. We laid the tables with red table covers, cutlery and glasses. We placed the napkins and name cards on the tables as well.



After that we got the food ready and waited for the guests to come. We greeted our guests when they arrived at 1:20pm and took them to their seats, ready for their starters. Everybody ate the food and enjoyed the party. The room was very lively and filled with life, especially as everybody was talking to each other and laughing as well.



When everybody was finished eating and Mrs Kaushal took our guests to see the work we have done in PSD. We cleaned up everything and took some photos to remind ourselves of the laborious lunch party we'd had. All parents and teachers left at 2:20pm.

Fahmida Tanzim 110

Creating a New Product

Year 8s at Challney High School for Girls were challenged by the University of Bedfordshire and the Design Technology Department to create a new product, service or app to assist people with either physical disabilities or mental conditions.



They spent time researching different disabilities and conditions before selecting one to create for. Once this was decided, they worked in groups to develop their product.

Students were given the opportunity to watch clips of business proposals seen in the hit TV programme 'Dragon's Den.' This helped them develop their pitching and presentation skills.

Then, they had to present back to a panel of judges in order to select a winning product. The ideas were amazing, so innovative and creative. Examples range from; highly designed centres for those with depression or anger management issues, earpieces that sense when you are going to have a panic attack or seizure to help calm the person with a soothing familiar voice or music, interactive books to help children with slower cognitive development learn

through play, remote control robots that assist people who are partially paralysed and a number of other fantastic inventions. There are too many to list.

However the winner, voted on by the Dragon's Den judging panel, was the GPS walking stick for the blind or partially sighted (See picture).



It was explained by the inventors that it was decorated with fluorescent colours to make the person more visible to other pedestrians, but especially drivers when the person was close to a road or crossing. The voice activated GPS element would assist the person to find their way more easily. Prizes were won and students had a fun and enriching day. Well done to the students and a big thank you to the University of Bedfordshire for helping us facilitate such a great day. Also, a big thank you to our 'Dragons' Mrs Carroll, Miss Duffy and Mrs Lines for their support and very professional judging.

Affinity Water-STEM Club

We are a group made up of 13 girls from Year 8 and Year 7. We have been given a challenge by Affinity Water and Water Aid to create a device that will help our consumers reduce their water usage.

Our group was split into two groups, the design group and the campaign group. The design group had to create and elaborate ideas on what our device would look like and how it will work. The campaign group had to spread the word of our device, why we should save water and how it will help us. They also helped in advertising our product.

The members of the design group decided on the idea that our device will include a timer, so that the consumer spends a limited amount of time in the shower. It will also include a temperature adjuster so the temperature of the water will turn cold when the user has passed the time limit; this will force them out of the shower.

Our campaign group has created a YouTube channel (Shower Shorter Save Water). They have created a total of 5 videos with informational facts and tips. Also, this half of the group has already gained numerous views and a few subscribers. To further advertise the product they have created bookmarks, which have been distributed during the Year 8 and Year 7 assemblies.

Presentation Day - Friday 27 May

The presentation will be held at Affinity Water's Head Office in Hatfield. The day will provide an opportunity for us to find out what the other schools did, meet fellow students and celebrate all the hard work, so it should be a really great day. A cash prize and trophy will also be awarded to the winning school.

Veronica Bucad 7Y

Good Causes week 2016



From the 8th-12th February, we had our annual Good Causes week here in school. This year, our chosen charities were GOSH and World Appeal. There was an amazing buzz around the school as always and it was lovely to see people coming together to raise money for these charities. We had many talent shows and fashion shows, which were well organised with lots of fun entertainment throughout. Our 'market place' event on the Thursday and Friday was a huge success yet again. We had enough pizza and chips to feed the whole school, and one stall even sold out in 20 minutes! The array of cakes and sweets on sale completely blew me away yet again! I think we certainly have more 'Great British Bake-Off' future contestants right here in school!



I would like to take this opportunity to thank each and every student and member of staff who made this week possible. The dedication and commitment you have shown to this week in school is second to none. I would like to extend this thanks to your families also and I know that many of you played a huge role behind the scenes in helping the girls with these events.



This year, we have excelled ourselves yet again and raised a staggering **£3648.78**. I congratulate each and every one of you on this and I know that both charities will be forever grateful for this, and it will go a long way in helping others! You are all a credit to the school and thank you once again!

Miss Ponsonby

RE Trip

What's the worst evil in the world? Us, Satan, lack of love, greed, genocide, terrorism or racism. In R.E, Challney Girls and a few other schools collaborated to consider evil from various aspects in religions. We studied evil deeper and a thought-provoking question was asked, 'If you had an interview with God, what would you ask him?' Furthermore, I admire how everyone united and shared their opinions from different faiths. Hinduism teaches that all life is one - no one should kill anyone. Buddhism demonstrates to conquer anger through gentleness. 'It's natural for the immature to harm others but getting angry with them is like resenting a fire for burning' - Shantideva. I think the worst evil is us because we are extremely selfish and sometimes greed engulfs us. This is an opening to wars and disorder. Genocide could be considered likewise because you're not only killing one person but you're killing a whole group of people deliberately, for their beliefs.

What's your opinion?

Ayra Khan 8A

Humanities Trip to Luton Borough Council

On 10th March 2016 some pupils from Year 7 went on a trip to Luton as part of a Humanities project linked to our lessons in Geography, History and Religious Education.

Two or more pupils were chosen from each form. We went to Wardown Park Museum, St Mary's Church and Luton Library.

We learned about the past of Luton and what it was like. One group was given a tour of the inside of St Mary's Church. Lots of photographs were taken.

We will make a presentation and show it to our forms during our history, geography and R.E. lessons. It was an enjoyable but educational trip.

Damanjot Kaur 7A



Did you know, there was a Church on this site from 931?

Rotary club Tournament 2016

Wow! Our Gifted and Talented Design Technology students really did us proud at the Rotary Club's Annual DT STEM Tournament. Our teams left CHSG



at 8.45 am and travelled to the event. There were 13 schools from across Bedfordshire participating with a total of 41 teams of 4, which was record number of 164 participants. Our teams did not know what the challenge would be until they arrived and the task was revealed to all entrants.



There were two different levels of task. For the Foundation Teams (Y7-9) the task was to build a bridge for cars to pass over a river that would lift on one side to let a tall boat pass underneath. For our more experienced engineers and designers, the Intermediate Team, the bridge had to consist of two lifting sides that would lift at the same time yet when put back down would create a flat road for vehicles to drive safely over.

All teams had a tight deadline to meet and had to work well as a team. We found that listening to each other's ideas and trying a range of different solutions was vital in creating a final successful project. Once the final whistle had gone students had to stop working on their prototypes. The team of judges rigorously and thoroughly tested the bridges one by one.

As their components started falling apart one by one, the CHSG teams' models remained strong, until, unfortunately theirs also collapsed under the pressure. Although our teams did not secure one of the winning places we were very proud to have had them represent our school at this prestigious DT event. Thank you for your hard work and dedication ladies! We are so proud of you all.



Year 7 Enrichment Day Trip to Woburn Safari Park

This trip was fun, however it also had educational reasons. Firstly we went on a one hour safari, looking at various different animals (we even saw lions eating their lunch), however it wasn't just sit and watch for the hour, we had to fill out booklets showing how many animals we had seen. The booklets also included Maths questions to do with the animals we had seen, such as mean, median and range.

After the safari we had lunch which was hilarious. Chickens were set free and as you can imagine everything went wild. We also got a once in a lifetime opportunity to go on the swan boats.

This trip was very enjoyable yet educational, we were really entertained - at least I was!

Kaneez Fatima 7R



On Tuesday 8th March we went to Woburn Safari Park, we were put into groups and had to write how many animals we had seen in a booklet for Maths. After that we went on the swan boats, we also went to the Play Ark.

Zulaikha Ali 7T

On enrichment day Year 7 went on a trip to Woburn Safari Park. This trip helped us with our Maths and Geography skills and the experience was exciting. Although the weather was disappointing the trip was worth it. At the start we drove through the park on a road safari, spotting many different animals. We saw a variety of animal groups, such as: desert animals, African forest animals, carnivores and animals from the savannah. When we got off the coach we went to the Play Ark where we enjoyed playing indoors. Next we went on a foot safari and visited meerkats where we had a Desert Springs talk. We were also able to go on an Australian Walkabout and a delightful ride around the lake in small swan boats.

Personally, I enjoyed the road safari best because it was fun to spot the different animals. We were all given booklets to record the data which helped our Maths skills. I enjoyed this trip and hopefully, if I get the chance, would like to go again. This trip has been a great experience which helped us strengthen our Maths and Geography skills.

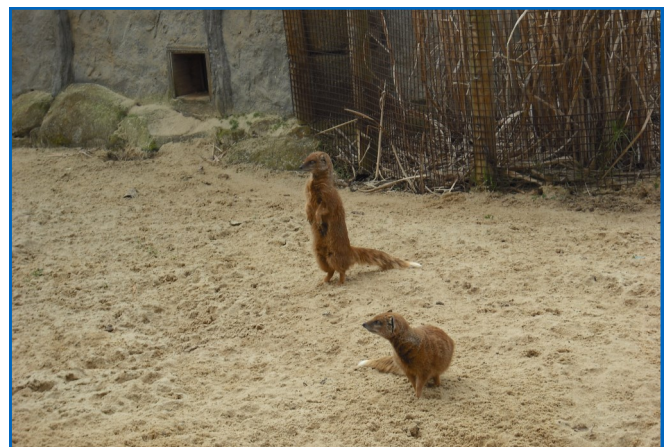
Ikram Kouroughli 7E



On the 8th March Year 7 got to go on an amazing trip to Woburn Safari Park. This trip was organised by Ms Sparshott and Mrs Aytoun. First we went on a one hour road safari around the park, while doing that we had Maths booklets where we had to fill out how many animals we had seen and the average speed of each animal.

After that our group went to the Play Ark where we went down slides and swung on ropes. Then we had a talk about desert animals like meerkats, yellow mongoose and porcupines. We then went on the Australian Walkabout and the swan boats. The last thing we did was go to the gift shop before heading back to school.

Fiza Hussain 7E





On Tuesday 8th March Year 7 went on a trip to Woburn Safari Park. We had many fun activities, such as going on the swan boats, playing in the Play Ark, seeing animals and much more. During the road safari we saw many animals which we counted to fill in our booklets. We all had a great time and learnt many new things.

Aaaliyah Hassan 7C



The Woburn Safari trip took place on 8th March. Our teachers gave us Maths booklets, we had to fill in the questions. We went all around the safari park in our coaches to see the animals, we had to write down how many animals we had seen. After that we went on the swan boats and then the Desert Spring where they talked to us about some of the animals. Then we went to the Play Ark.

Aisha Ziaraf 7I

How Big is Infinity?

Ms Sparshott, Sinthuya and Haleema from Year 9 and I were lucky enough to attend a workshop on infinity hosted by the Royal Institution and

presented by Phil Ramsden from Imperial College London. We spent three hours looking at the work of the 19th Century German Mathematicians Georg Cantor and David Hilbert, using the problems of 'Hilbert's Hotel' (Google it!) to investigate how the concept of infinity works.

On the way we managed to prove that there is an infinite number of prime numbers, and an infinite number of decimals between 0 and 1, while showing that $\infty + 1$ still equals infinity, $2 \times \infty$ still equals infinity, and infinity to the power of infinity is still infinity - it's just that some infinities are bigger than others (say that again slowly, I think I missed something there).

We're going to learn about Fibonacci next week.

Mr Sauer

Sports Council

This year's Sports Council had to go through a selection process whereby they had to submit an application form, demonstrating what skills and qualities they would bring to the Challney Sports Council. The Sports Council are heavily involved with extra-curricular activities, supporting PE Staff and ensuring a good turnout to the clubs.



Year 7

Tasnuba Malik
Printhika Sasikaran
Hajra Haroon
Mahera Chowdhury
Minal Shafiq
Zufshan Ullah

Year 8

Aminah Shahid
Zoyah Tariq
Taniya Shah
Masuma Begum
Aisha Sana

Year 9

Sinthuya Thabenthiran
Yazmeen Hamzah

Year 10

Tasniem Ferdouse
Mubara Maryum Sana

MFL News

On Thursday 25th February 2016, the MFL department invited Guillem Balague, sports journalist and author, into school, to talk to some of our Year 9 pupils about the opportunities that language qualifications can give you. Here are some thoughts from a couple of Year 9 pupils:



On Thursday 25th February, Guillem Balague came into our lesson to talk to us about languages. It was very intriguing to hear about his background and how he developed languages that were foreign to him. Overall, it was a very good experience as I learnt that learning a language takes time and practice; it is not as easy as some people think it is.

Sana Ahmed 9R

During our French lesson Guillem Balague came to give us a talk about journalism but the main reason he came was to tell us how important it is to speak different languages. The talk was really interesting because he had met and written books about the famous footballers Messi and Ronaldo.

Ifra Ansar 9V

Home Start

Support and friendship
for families

Do you have a couple of hours to spare each week to help a young family in Luton who are struggling to cope? Are you a kind, reliable, approachable person? If so, then why not consider volunteering for Home-Start?

Home-Start is a local family support charity that recruits, trains, and supports volunteers to provide friendship and support to families in their own homes once a week for a couple of hours. Being a parent with young children can be tough at any time, but in this current economic climate the pressures on families are even greater and for those already struggling to cope with illness, disability, isolation, bereavement or just the challenge of parenting, life can seem overwhelming.

Before being matched with a family you will attend our Preparation Course which is free, informal, fun and informative. The next course begins on Monday's in September from 10.00 to 2.30pm, once a week for 8 weeks, and is held in Luton.

If you are considering a job in Health or Social Care then volunteering with Home-Start can help you to get on that career ladder.

You don't need to be a super nanny to help parents with young children and with your help parents can gain confidence to manage on their own and give their children the best possible start in life.

We welcome all enquiries but are particularly keen to recruit people can speak Polish or any other language.

Please give us a call or send an email and make a difference to a family in your community. For further information call Home-Start Central Bedfordshire 01582 660061 or email office@home-startcentralbeds.org.uk. Website: www.home-startcentralbeds.org.uk See us on Facebook at HomeStart Central Bedfordshire and follow us on Twitter at HomeStartCB

Summer Term Dates 2016

Mon 11th Apr - Term Starts

Thur 14th Apr - Y10 Parents' Evening

Thur 28th Apr - Y7 Parents' Evening

Mon 2nd May - Bank Holiday

Thur 19th May - Y8 Parents' Evening

**Mon 30th May to Fri 3rd June -
Half Term Holiday**

Thur 30th Jun - New Intake Day & Parents' Eve

Thurs 21st July - End of Term