



AROUND THE PALACE

Dear all,



This week the whole school honoured those who serve to defend our democratic freedoms and way of life during the Remembrance Day activities. At Seniors, this included an impressive initiative from our new Student Librarians, who set up their own 'pop up' shop to raise money for the British Legion Poppy Appeal.

There's also been much excitement this week amongst the Year 8, 9 & 10 students with the return of our highly popular Old Palace Bake Off.

We look forward to seeing photos of the winning entries in next week's bulletin.

Wishing you all a great weekend.

Jane Burton, Head

Student Librarians Raise Money for Poppy Appeal



A letter from Mrs Nike

Dear all,

Today we announced the prefect positions for the Year 6 pupils. Each child is responsible for developing one of our school priorities e.g. eco, well-being, diversity and pupil voice, to name just a few.

The quality of the applications was very high and I am confident the pupils in Year 6 are going to do a fantastic job of helping to shape our school.

Mrs Nike

Head of Pre School & Preparatory

Reception: Diya Lamps

Reception pupils were so proud of their colourful Diya lamps that they used them to decorate around the door of their classroom.



Prep Swimming Gala at Cumnor House



This week, Prep squad swimmers participated in an exciting gala against Cumnor House. It was the first time in two years that pupils have had the chance to swim in a gala and for some, it was their first time competing. The girls received plenty of support and all swam really well.

The two teams finished in second and fourth places, with Cumnor House narrowly pipping us to the post to win by just 3 points, 78 to 75 points. Their second team finished in third place.

Year 6: World War 2

Following on from their WW2 workshop last week, here is Amanah's imagined diary entry for Anne Frank on Tuesday, 2 November 1942

My WW2 Diary by Amanah

Tuesday 2 November 1942

Dear Diary,

With the Germans patrolling outside, it feels like living is a risk. Even though I am surrounded by family, friends, and fear, this annexe is isolated. Perhaps it's the deafening silence. Or the strange, uncomfortable feeling of being trapped in a prison...mentally as well as in real life. However, it's most probably sharing fear, the very same fear while knowing several hundreds of other Jews are also suffering the uncontrollable torture of unmentionable tasks.

Although all this is lurking in my clouded, troubled mind, we are all safe...for now.

The sun sinking slowly in the Sapphire blue sky drags my heavy heart with it. And as the sun comes down, so do our voices.

This desolate land of isolation, isolation, isolation...

And yet all the rest of us can simply wait, and wait, and wait... for our lives to end.

I hope that tomorrow will bring better news, but only the Nazis can change that,

With all my hope and love,

Amanah



Reception: Seasonal Walk to Lloyd Park

Last week, Reception enjoyed a lovely seasonal walk around Lloyd Park as part of our new Cornerstones topic.

We looked out for signs of autumn, such as spiders' webs and blackberries, as well as seeds, pine cones and leaves that had fallen to the ground.

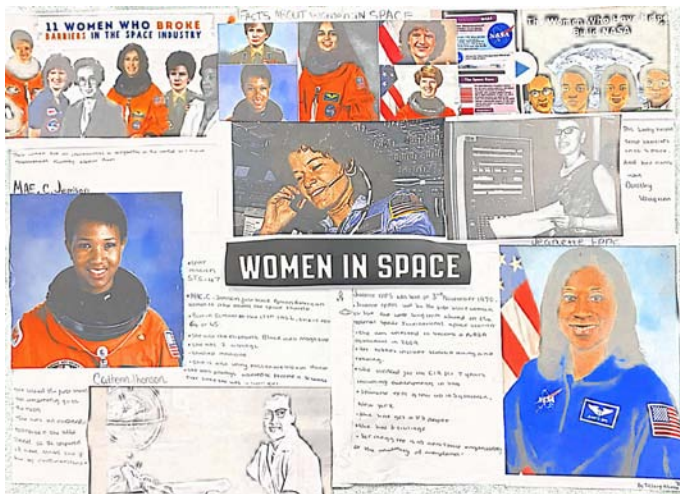
We loved rustling and stepping on crunchy leaves and collecting lots of bumpy sticks which we brought back to school for our autumn treasure collection.



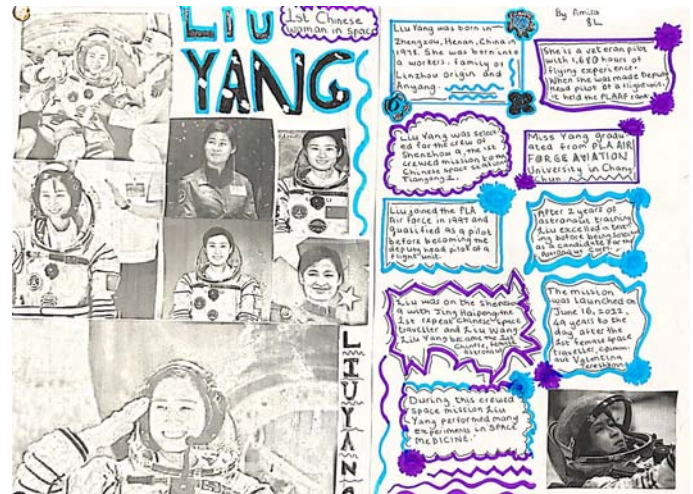
World Space Week

Before half term, students had the chance to participate in a poster competition for World Space Week 2021, where they had to emphasise the theme 'Women in Space'.

Here are the winning posters.



Year 7 Winner – Tiffany



Year 8 Winner – Amira



Year 10 Winner – Sanvi



Year 10 Runner Up – Sumaiya



Year 7 Runner Up - Sinti

We were impressed by the effort and research done by the students for this project. Did you know that World Space Week is celebrated across the world in the same week every year. This year, the theme was 'Women in Space'.

Here are all the winners and runner ups:

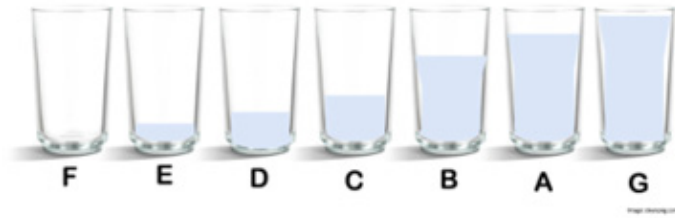
Year 7	Winner	Tiffany
Year 7	Runner up	Sinti
Year 8	Winner	Amira
Year 8	Runner up	Olivia
Year 10	Winner	Sanvi
Year 10	Runner up	Sumaiya



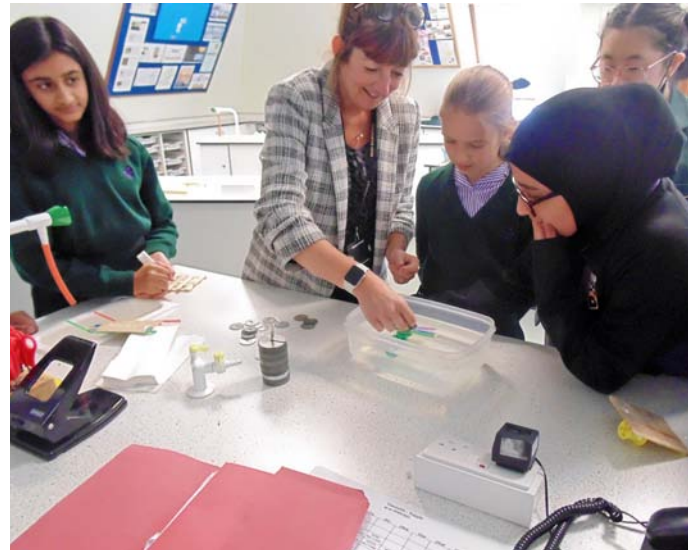
Year 7 Science Challenge Club

Year 7 students are having great fun, rising to the challenges set.

The first challenge they were faced with was to play 'happy birthday' using 'water music'. This proved more difficult than it first appeared.



Let's try to play Happy Birthday!



In the next challenge they had to build a raft using a limited selection of materials. The rafts were then tested on water to find the maximum mass the rafts could hold before they sunk.

Congratulations to Emma, whose raft managed to support a maximum of 120g.



Classics Department Word of the Week 08/11/21

OXYMORON

a combination of contradictory or incongruous words (such as cruel kindness)

From Greek ὀξύς (oxus) – sharp, keen, pointed and μωρός (moros) – dull, stupid, foolish.

The word 'oxymoron' is, itself, an oxymoron.

Year 9 Netball v Caterham



The Year 9 students played netball against Caterham on Wednesday under our new floodlights! The weather just about held off for the match to go ahead. The traffic was bad on Wednesday which meant that Caterham were quite late and so it was a very short match!

However, the Year 9s played well against the mixed teams from Caterham with the A team winning 8-1 and the B Team just nudging ahead 5-4.

The match was played in great spirits and it was so nice to be able to hold a fixture at home thanks to the floodlights!

Year 12 Sports Leaders at Prep



The Year 12 Sports Leaders enjoyed their first taste of leadership skills with Year 2 at Prep this week. They had all planned simple, fun and active stations. Each station looked at different key skills such as: accuracy, balance, co-ordination and movement.

Year 2 thoroughly enjoyed the session and it was great to see the Level 3 Sports Leaders put into practice some of the knowledge and development they have learnt over the last few weeks.

Sixth Form: Preparing for Life at University

As a form, we've been preparing ourselves for life at University.

We've been exploring how to balance the exciting prospects of moving out with the practicalities of independent living.

For example, in PSHE we looked at the symbols for different domestic appliances, like using the dishwasher, the iron and the washing machine. Within Carousel, we have learnt several skills, such as cooking, stress management and finance, which are very useful for university life and beyond.

For further assistance with cooking, as a form we are collating recipes for a 13 Stafford recipe book. Each week one of us will present their recipe, describing how to make it and how much it might cost.

This means that before going to university, we will be equipped with a fine selection of recipes handpicked by our form.

Year 13S



Proud to be Celebrating Black Chemists

Our Sixth Form Chemistry students, led by Chemistry Prefect, Divinia, have been researching the contributions and achievements of black chemists through history. They have created a display which can be seen on the notice board outside Runcie.

Below, some of the students share their thoughts on what moved and inspired them about the chemists they researched.

"I chose to research Alice Ball as I found that after she died, a white male attempted to claim Alice's work as his own. As Alice's discovery had not been known to me before, I thought I would choose to investigate her discoveries as the treatments she contributed to were so important, and used up until the 1940's. The fact a white male decided to try to claim her work, represents the hardships and lack of recognition that black, especially female, chemists faced."

Emma, Year 13

"I researched Walter Lincoln-Harris for my contribution to Black History Month in Chemistry. Widely regarded as the pioneer of polymer chemistry, he developed a cable sheath made of thioether compounds, carbon black and polyethylene which can also, withstand extreme fluctuations in temperature. It was very interesting to see his contributions to the foundations of polymer chemistry which is something so vital to industries like the electrical industry."

Divinia, Year 13



"When researching Bettye Washington Greene, I discovered that she was the first African-American woman to work at Dow Chemical Company, which is one of the world's leading suppliers of chemicals. I found this so inspirational as she had the courage to overcome social barriers and thus paved the way for more black women to pursue careers in science."

Sophia, Year 12

"I researched James Andrew Harris, who was a nuclear chemist. I found Harris a very inspiring figure since although he encountered much racism, he persisted and went on to receive an honorary doctorate and even dedicated himself to making the interest in science flourish among school students."

Gina, Year 12

"I researched Charles Drew who was an African-American doctor/scientist.

He pioneered methods of storing blood plasma for transfusion and organised the first large scale blood bank in the US. He experienced a lot of racism during his time in the donation of blood and resigned as the director of a blood bank because of this. He also protested in this field to remove racism.

However, this didn't put him down, he was determined to make his way to the top and was successful. He was a leader and an inspiration in both the medical and black American community."

Vishali, Year 13



THIS WEEK IN HISTORY... NELLIE BLY GOES ROUND THE WORLD IN 72 DAYS!

On November 14, 1889, twenty-five-year-old Nellie Bly, an American journalist, inventor, and activist, set off by boat from New York to circumnavigate the globe. She returned 72 days later, setting a new world record!

U15 Netball v Croydon High

On Tuesday the U15 Netball players travelled to Croydon High for a friendly fixture. It was a really good experience for them to play competitive netball and try out some different combinations.

The opposition chose Tahalia and Rebecca as Players of the Match.

Although we didn't win this fixture, there were some real positives – well done to all who played!

Poppy Appeal

Student librarians helped raise money for the British Legion Poppy Appeal this week, at their 'pop-up shop'. Pictured below: Natalie, Janna, Olive and Alice.

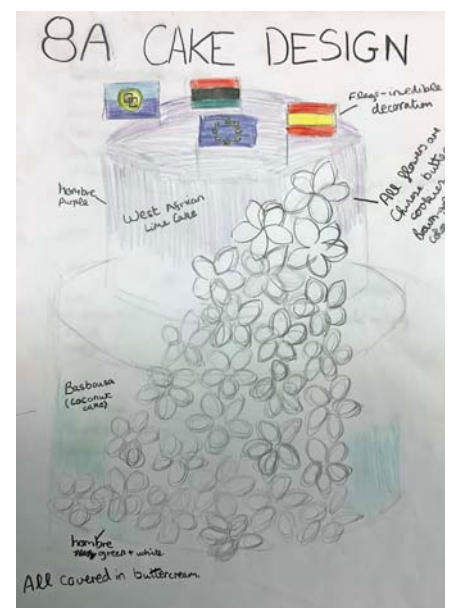


Old Palace Bake Off

Our annual House bake off is back and students in Years 8-10 are putting their baking skills to the test this week to win the coveted trophy.

There are some ambitious plans as these designs show.

This year's theme is 'Be Proud'.



Our very own Paul and Prue - Mrs Solari and Mr Jupp



Construkt: Who said Engineering isn't fun?

What is Construkt?

'Construkt' is a construction/engineering programme aimed at young people aged between 16-25 years old. The aim of *Construkt* is to bridge the gap between young people with an interest in construction/engineering and employers.

The programme is designed for young people from a variety of backgrounds, although there is a particular focus of engaging young people from BAME backgrounds and women. This is due to underrepresentation in the industry. Over 80% of the candidates who were in attendance were BAME and 23% female.

The programme is run by Serious About Youth (SAY), a youth-focused social enterprise based in London. SAY works to inspire and support young people to gain the life and social skills needed to successfully progress in life.

Our Task

To model and review the construction processes of the new Google Headquarters being built in Kings Cross (KGX1) and the development of 8 Bishopsgate in ONE week!

Why did I apply?

I applied for the programme as I am hoping to pursue Engineering at university, so I wanted to learn more about the different career opportunities and get an insight into what the construction industry is about. I also wanted to get some hands-on experience and learn from industry professionals.

For this cohort, places were limited and in high demand and so it was quite competitive. I am so grateful that I was given the opportunity to participate in this eye-opening programme!

It was good to work with a diverse group of people, who each brought something unique to the table.

Overall, I learnt that there are so many different roles within the construction industry and that anyone can find a place within the industry.

Amy, Year 12 Eng Prep



My Experience and Learning

On the first day of the programme, we went on a site visit to 8 Bishopsgate to experience what a working construction site is like in reality. We learnt about how sustainability was an integral part of the project and an extensive overview of the step-by-step process of construction itself. One of the most enjoyable aspects of the day was when we were taken to the 22nd floor, which was the highest point of the building where the concrete core and steel frame had been built. Admittedly, being on a steel platform without walls 22-storeys high was slightly daunting, but, when viewing the breath-taking views of the whole of London from up high, our nerves disappeared almost instantly.

The main activity for the week was building a model of one of the sites we studied. Dimanthi and I were part of the team building the model of 8 Bishopsgate. The first part of this activity comprised of a tendering process, where we had to pitch to a panel of clients why they should choose us as their main contractor.

As a team, we decided that our main ethos was to be environmentally sustainable, at no extra cost to our client, as we recognised that the construction industry is one of the highest contributors of carbon emissions. We used the BIM technology (the Navisworks technology) to create illustrations of what each stage of the building process would look like, and also managed costing of preliminaries, material costs, contingency, and profits. Our team were successful in our pitch, so next we moved onto the actual construction.

I was Project Leader for the 8 Bishopsgate construction – the 12 members of the team split up into teams in order to work as efficiently as possible. One team worked on cutting our timber to shape, whilst another team worked on pre-assembling our cross-bracing. The rest of the team were construction engineers who drilled and assembled the timber on site.

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We worked exceptionally well as a team and completed the final build an hour and half before the deadline on Day 2 of construction.

As Project Leader, it was my responsibility to ensure that everyone



was adhering to health and safety regulations, including wearing full PPE, and moving safely around the site. I had to solve any problems that arose, for example we came up with a solution to recycle offcuts of timber to combat the problem of uneven floors. The commercial manager and myself both completed applications for payment and an internal contract review at the end of both days of construction.

It was such an insightful experience, where we were constantly developing our problem-solving skills and teamwork skills. I believe that, by being Project Leader, I was able to especially develop my confidence and communication skills, as I had to not

only organise a large group of people but was constantly making decisions that I had to firmly implement throughout, whilst also supporting and encouraging every member of the team.

I was very proud of being Project Leader, especially as women are so underrepresented in the construction/engineering industry. I believe that, as a woman, it is very empowering to have a leading position of responsibility in such a male-dominated industry.

Overall, I am so grateful for having the opportunity to be a part of such a valuable experience!

Suraiya, Year 12 Eng Prep

Valuable Employability Skills

The Construkt Programme delivered impactful accredited and non-accredited employability training using a variety of youth-focused methods and resources such as interactive group activities, inspirational speakers and videos.

They also helped us by making us understand employers' needs by innovatively covering topics such as CV's, interviews, application forms, the importance of attitude and valuable soft skills needed to successfully navigate the workplace. I found the workshops very interesting as I learnt so many things. The workshops were definitely a terrific use of time and made us get together as a group.

After the professionals gave their presentations, we were put into groups. For example, on the first day, we were given a workshop about architecture and sketching. We worked in groups and thought what kind of building we wanted to have. In my group, we decided to have a building for leisure centre, but including sustainability. We thought about what rooms we wanted in our building and how many people would come and visit our building.

After thinking about what rooms we wanted, we sketched our buildings in 3D, from many different angles, to present to the rest of the other groups.

I found that workshop very interesting as I loved sketching out our leisure centre and thinking about what rooms we wanted.

We were also put into teams on Day 3, allocated roles and underwent appropriate training such as power tool training to enable us to build a large-scale model of the real building. In my group, our project was based on 8 Bishopsgate near the Cheese Grater in London.

The other group project was based at Google HQ in Kings Cross (KGX1). We had to work in a group and sort out what sizes of timber we needed, so this was when the tools team came in. As we gave them the timber, they had to make sure they were cut very accurately. It did take some time getting used to because we've never used the tools before, but after some time, we were quick at using it. But because it did take some time for the timber to be cut accurately, the rest of the team decided to start off by making the base of our building.

We had a sheet of what the building would look like, so we kept on making sure that our base looked just like what was on the diagram. We worked very well as a team as we knew what each person was doing. I was in charge of making the cross braces. At first, it took me some time to think about how I was going to be making the cross braces, but luckily, I was able to make all the cross braces in

one day. By the end of the first day of practical construction, we were ahead of schedule, which was good. This meant that we had less work to do on the second day.

I am still thinking what I would like to do, however I have learnt so many skills which I know I can use for all careers. I learnt a great deal about prioritizing too. I loved the whole programme; it was well delivered, well organised and engaging. It was a very useful session, and now I feel like I can express myself positively. I took both knowledge and enthusiasm from the programme.

In addition, I really appreciated hearing about the creative process of engineering in general and it has helped me to feel more confident into jumping into that career path and has also helped me consider it as a career.

Dimanthi, Year 12 Eng Prep



Alumnae News: Fiona McNevin a Year in Russia

Old Palace alumnae, Fiona McNevin, left in 2018 with a place to study French & Latin at St. Andrews University in Scotland. In September, as part of her course, she flew to Russia to study at the Yaroslavl State University. Fiona has kindly offered to provide a regular update on her experience of studying in this fascinating country. Here she writes about her first month:

Languages was a passion of mine that Old Palace not only encouraged but celebrated – I was provided with numerous opportunities to challenge myself such as taking four language GCSEs in Year 11 and studying Russian GCSE alongside my A-Levels. I am still beyond grateful that I was able to explore language-learning in such a supportive environment, and I know I wouldn't be where I am today without the school's encouragement. I also have a huge amount to thank the University of St Andrews for. The flexibility of their degree programmes meant I arrived studying French & Latin, with Russian as my chosen third subject (all students study three subjects in first and second year) but switched my degree in Semester 2 of first year to French & Russian, after becoming so enthused by the Russian department at university.

Studying languages had been my dream for a long time, and the thrill of a study abroad opportunity played a huge role in my motivation to make sure I achieved my goals. Fast-forward through GCSEs, A-Levels, and countless essays and exams at university (not to mention a pandemic), and I've made it! I flew to Russia on the 1st September and I can safely say that all the hard work and effort has been worth it.

I am currently living in Yaroslavl, a beautiful historic city situated where the Volga and Kotorosl rivers meet, around 250km north-east of Moscow. I am living in an apartment with a host for total immersion, a lovely Russian lady called Anna Borisovna. Along with



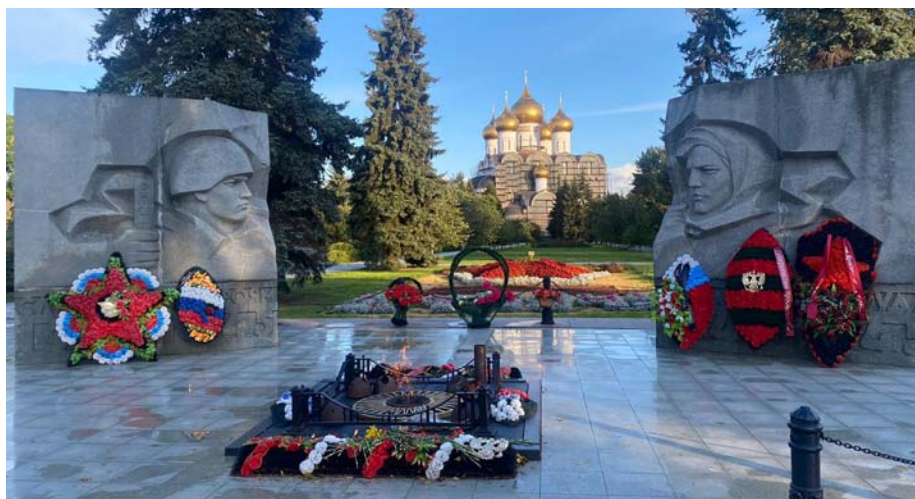
two other students from St Andrews, I study at Yaroslavl State University Monday- Friday for four hours on an intensive course designed to fully engage us in the language and culture here in Russia.

The past month has been absolutely incredible. Despite the pre-departure nerves and the year's delay, I am enjoying myself to the full and experiencing as much as I can of what Russia has to offer. I have visited countless beautiful churches with their unique onion dome architecture and gleaming golden interiors, a number of hidden gem museums in Yaroslavl such as the museum of Music and Time which was full of unusual collections of bells, gramophones, clocks and irons (why not?!) and a fascinating working elk farm in Kostroma, a nearby city. I've watched a Chekhov play, supported the local team at an ice hockey match



and I am also attending choir twice a week where we sing a range of songs all completely in Russian. It was tough to start with but with the help of some lovely Russian students I seem to have grasped the necessary vocabulary to fully understand a rehearsal! We are currently practicing for a concert in Moscow in late November, and I'm hoping we will sing some carols soon.

Every day brings new experiences and I am so grateful to be living and learning in Russia. Whatever you choose to study, I would recommend looking at the study abroad programmes at your chosen university – it's an opportunity not to be missed.



Seniors: Library News

The Friends' Library enjoyed a refresh over the summer, creating a more open planned and versatile space. This included the addition of a new plasma screen for library lessons, notices and promoting reading recommendations.

For the first time since March 2020, students across Seniors can now visit the library every break and lunch time to borrow books and for quiet and silent study and book clubs. The resources room is also available for online research, Year 7 AR quizzes and printing.

Returning to a 'new normal' has allowed for book clubs, shadowing books prizes, themed activities including National Poetry Day and student librarians to return to this safe and vibrant space.



Student Librarians



Welcome to the 29 students from Years 7-11 who make up our team of student librarians for 2021-2022. With individual rotas, students assist during break or lunch time and have spent the last term getting used to their individual roles.

Some of the student librarian roles involve book maintenance, shelving, assisting with queries, specific subject/genre responsibilities well as creating displays and assisting with events.

As the year progresses, student librarians will learn new skills linked with the running of a library, including the issue and return of textbooks, library events and assisting with World Book Day 2022 - as outlined by the School Library Association (SLA) and the Chartered Institute of Library and Information Professionals (CILIP). Look out for them in the library or around the school in their student librarian roles wearing our colourful student librarian lanyards.

National Poetry Day – Choose Poetry

We celebrated National Poetry Day at break and lunch time on Thursday October 7th. This year's theme, Choose A Poem, allowed students at break to select from a range of poetry books on display or use our 'Poetry Selector' to be randomly assigned a poem under the themes of 'Nature', 'Empowerment', 'Love' and 'Random Poems'. Lunch time saw the returning students recite their choice.

Thanks to everyone who took part, the student librarians for selecting the poetry and Alison A in Year 13 for facilitating the events.



Book Club

Book Club takes place every Tuesday lunch time in The Friends' Library.

Week 1 involved shadowing book awards throughout the academic year, starting with the Trinity Schools Book Award (TSBA) from October – February, followed by the CILIP CKG Carnegie Medal, from March to June.

Week 2 Book Club activities involved discussions and activities around book authors, genres and seasonal themes.

Book Award Shadowing – The Trinity Schools Book Awards 2022

The Trinity Schools Book Awards take place from October to February 2022 involving over 30 local schools, including Whitgift and Trinity. Students can read any of the six books from two age guided categories (TSBA main award Years 7-9 or the TSBA 'Plus+' for Years 9 and onwards), with competitions for the best book review and best creative response awarded at the ceremony in March.

All students at Seniors are encouraged to take part and join Week 1 Book Club for further activities. We are currently reading *The Foreshadowing* by Marcus Sedgwick and would like to thank the Art department's Mrs Broad and Ms Dawson who are joining us this autumn term to assist with our competition entries.



Year 7 Accelerated Reading – Million Word Readers Competition

All Year 7 students completed their STAR quizzes before half term, giving them individually bespoke reading ranges that support students in their reading.

Every book read will have their words counted, to see how much they are reading. This means Year 7 can take part in our Million Word Reader competition, where all students aim to achieve reading a million words this academic year. Students are encouraged to read widely within their individual reading ranges to achieve their million-word target.

The competition will help us discover which Year 7 form reads the most, to be crowned Million Word Reading Champion 2021/2022 at the end of this academic year and presented with the Million Word Champions trophy.

At the same time, the top three Year 7 students who have read the

most words will each receive a £20 book voucher.

Congratulations to Leen A, Candice L and Mahnoor F who have already become Million Word Readers!

Starting soon... Year 7-13 House Reading Challenge.

Mrs S Chevalier
Librarian

Year 7-13 House Reading Challenge 2021/2022

From November 2021 to May 2022, submit an **online book review** to count as one 'Reading point' for your House.

Termly count-ups on the following dates will allow progress to be seen:

Thursday, 16th December 2021	Thursday, 31st March 2022
Thursday, 26th May 2022	Final day to submit reviews: 5pm Friday, 27th May 2022

Complete your book review on the online form from the Library Seniors VLE page

Submit six or more book reviews before each termly count up to receive bookish prizes that can include author signed books (in the past these have included books signed by Angie Thomas, Jason Reynolds & Patrice Lawrence)

Include books read at home, D.E.A.R, Year 7 Accelerated Reader and/or TSBA/Carnegie Book Awards.

All Book reviews completed online count toward the House Reading Challenge competition

Winners announced at the 2022 Prize Giving

Clubs: Spotlight on...Sport

This half-term we have 16 clubs on offer for Year 7 through to Year 13 which everyone is welcome to attend. Clubs range from Netball to Swimming, Water Polo to Hockey, Gymnastics to Volleyball; naming just a few.

This gives the students the opportunity to learn something new or to improve their skills across a wide range of activities and mix with students in different years. The majority of clubs are open access so anyone is free to sign up, with those selected for squads getting the chance to play competitive fixtures against other schools.

It is great to see the Sports Leaders giving up their time and helping impart their knowledge to assist with some of the lower school clubs. We encourage all students to get involved and have lots of fun whilst taking their mind off their academic studies.

We are very excited that we also have our new floodlights in place and are looking forward to hosting our first home Netball fixtures in the dark next week!

It is amazing to see over 60 students sign up for the Bronze and Silver Duke of Edinburgh Award this year. We hope they thoroughly enjoy the opportunities that this award provides for them.

Katie Fowler

Clubs Co-ordinator and PE Teacher



Year 8: Dance Creative Workshops



This term Year 8 students have been developing their creativity through movement exploring chance choreography with a partner. Chance is a technique Merce Cunningham used as a choreographic device. Cunningham choreographed dances

using a chance technique in order to provide an element of surprise in his pieces. The dancers involved would develop sequences based on chance using Cunningham's set boundaries. Mercier "Merce" Philip Cunningham (April 16, 1919 – July 26, 2009) was an American dancer, teacher and choreographer who was at the forefront of the American avant-garde for more than 50 years. Throughout much of his life, Cunningham was considered one of the greatest creative forces in dance and had a profound influence on modern dance.

He is perhaps most notable for his frequent collaborations with artists of other disciplines, his work with modern technology, his developed dance technique, which is performed all over the world in contemporary and modern classes and his choreographic method of 'chance.'

Year 8 students worked with a diverse range of stimuli to generate individual movement ideas as well as contact duets. The students first explored how to use different numbers to generate movement, then progressed onto selecting verbs at random to finally using a variety of images created by the artist Remy Charlip.



Charlip created a form of chance choreography called Air Mail Dances where he would send pictures to a dance company and the dancers would link them together and create dances based on his drawing. This method was the final choreographic approach the students explored together, discovering innovative responses to images seen here.

I feel like this dance workshop has really made me improve my creativity and teamwork skills. My creativity skills have really improved because we were working on different pieces where we got a chance to choreograph. During these workshops we were able to work in pairs. I found this very helpful because I got to meet and work with many different people in my year. This workshop has helped me to improve my creativity skills in my dance lessons. The best activity in this workshop was when the whole group created a rectangle, sitting at the edge of the shape, creating a kind of stage, where we would go inside and perform our piece with our partner. This really boosted my confidence skills. I really enjoyed this creative workshop! Suruthi, Year 8L

The student's positive energy was great to work with and it was a delight to see how their creativity, confidence and communication skills evolved through movement during these workshops.

Mrs Barber





Seniors: Hockey & Fitness

This week we have enjoyed going off site to both Whitgift and Trinity Schools to make use of their All Weather Pitch (Year 9) for Hockey and the Fitness Suite (Year 13).



POD Week

During the week **Monday 22nd – Friday 27th November**, POD week is taking place during lunchtimes at Seniors.

We have over 30 mini-lectures scheduled, presented by our expert Sixth Form students, on a fascinating range of topics. For example 'the psychology of fear', 'why does social media know so much' and the 'chemistry of food'.

Students must sign up in advance to attend – students have been sent an email with further details and Forms link to register.



Bright Sparks London Philharmonic Concert

On 3rd November, the girls in Year 4 went on their first school trip since lockdown! They attended the KS2 Bright Sparks London Philharmonic concert at the Royal Festival Hall, travelling into Waterloo by train.

It was the perfect introduction to this half term's topic *Playlist*, which is music-based and includes learning about the science of sound and how we hear. It was also the first concert that the orchestra had performed to an audience of children since lockdown so they were excited too.

The concert was based on '*Symphonie Fantastique*' by Hector Berlioz and was very interactive.

'Hector composed the whole symphony just for Harriet which made the story feel emotional. At the end, during the Can Can, they kept slowing and quickening the pace and that made it feel exciting.'

Anokhi

'The best bit was the music. There was a lot of expression.' **Olivia A**

'I liked the way the music was telling a story without words.' **Abi**

'When the orchestra played, it felt like the story was really happening.' **Sofia**

'The story was beautifully told with brilliant expressive music for each part. I also enjoyed doing the actions



along with the orchestra. It was a great experience.' **Aanya**

'I enjoyed being active at the concert, singing, doing the actions and dancing.' **Elissia**

'I felt special when the lady told us that we were the first children to see the orchestra in 18 months. I really liked the song (Dans le Metro) because it was a mixture of English and French.' **Lottie**

'My favourite part was at the end when the orchestra played the Can Can because I played the Can Can on my flute as my grade 2 exam piece!' **Aashna**

Before returning to school, we had time for a photograph by the London Eye. We really enjoyed being able to go on a school trip again.

Maths Week England

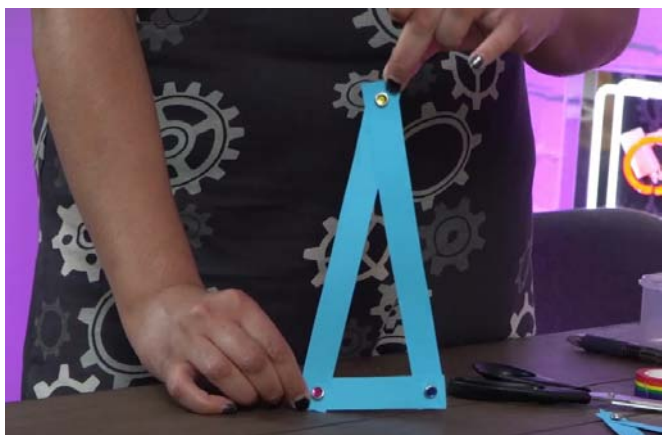


Students in Year 7 and above have had the chance to complete puzzles and enter competitions every day during Maths Week England from 8th November.

Maths Week England was set up in 2019 to help inspire students to enjoy Mathematics and experience the satisfaction of attempting and solving puzzles beyond the curriculum. At Old Palace, students regularly have the opportunity to solve puzzles and problems, both within lessons and in our Challenging Maths and Sudoku clubs. But we never say “no” when given the chance to do some more!

Students also enjoyed learning about why structural engineers love triangles in this engaging video from Roma Agrawal, who worked on the construction of the Shard (aimed at Years 3-9):

www.youtube.com/watch?v=BOJT89zGj7Q



Here is Wednesday's puzzle: Why not have a go?

Yesterday I needed £1 for a parking meter, but don't carry much change these days.

I dug around and found ten coins under my seat. They were a mixture of 20p, 10p and 5p coins.

Luckily when I added them up they came to exactly £1.

How many of each coin did I have?

Answer on page 19

Table Tennis



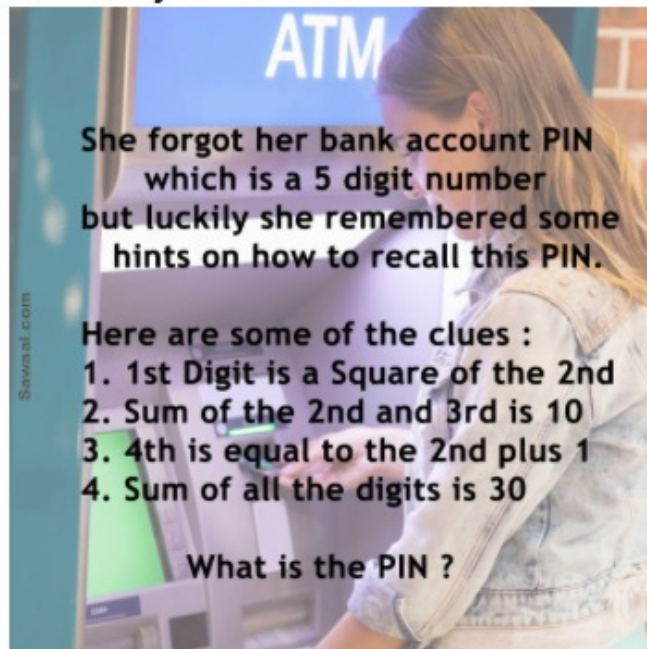
On Monday, a team of four U13 students represented the school in Table Tennis at an event run by the Croydon Sports Partnership. The event was at Harris City Academy in Crystal Palace. For some students, this was their first time at a sporting event representing our school – so well done to them!

Just three schools were taking part. Against Coloma, the Old Palace team won just one of their matches but the scores were close which helped with the final placings. Against Harris, Old Palace lost two matches and won two matches – but again there were some close scores which helped. This meant the Old Palace Team were placed **SECOND** overall!

Well done to Zainab, Sarah, Harini and Ella for taking part; for coping against some really strong players and for keeping the score lines so close!

Maths Puzzle Fun

What is my PIN number ?



A) 93714

B) 42789

C) 36671

D) 93747

Solution on page 19



CHRISTMAS FAIR & SANTA'S GROTTTO

Saturday, 4th December 2021

11 am - 3 pm @ Preparatory, CR2 7YN

Santa's Grotto, Christmas Gift and Craft Stalls, Raffles,

Christmas Cafe, Lucky Dips, Candy Floss & Pop Corn, Toys

Tickets £1 each



Maths Week England

Solution to Wednesday's Maths
Puzzle on page 18 is:

2 x 20p, 4 x 10p and 4 x 5p

Maths Puzzle Fun page 18 Answer

Answer: D) 93747

Explanation (From the hints):

Only two options for 1st and 2nd
digits 4,2 and 9,3 since it is single
digits

Sum of 2nd & 3rd digits is 10

If 2nd digit is 2 then 3rd digit is 8

If 2nd digit is 3 then 3rd digit is 7

4th digit = 2nd digit + 1 is: (2+1 = 3)
or (3+1 = 4)

Sum of all digits = 30

Let 5th digit be x then:

1st possibility: $4 + 2 + 8 + 3 + x = 30$
 $\Rightarrow x = 13$ (Not possible since 13 is a
2digit number)

2nd Possibility: $9 + 3 + 7 + 4 + x = 30$
 $\Rightarrow x = 7$

So pin is 93747

Last week's winner was Yaa in
Year 7