



AROUND THE PALACE

Dear all,

The Year 11 and 13 students have now finished their GCSE and A Level assessments and I would like to pay tribute to them for coping so well over the past few weeks after a very unusual year for them. Year 11 had a celebration event on Thursday and Year 13 had

similar events and their leavers service on Friday. If parents or friends of the school would like to see the service it can be viewed on our YouTube channel (see details below).

As the half term draws to a close and with the weather set to be fine and the restrictions starting to ease, I would like to wish everyone a relaxing half term break.

Jane Burton, Head

For details of how to view the Year 13 Leavers' Service and Order of Service, click here:
<https://www.oldpalace.croydon.sch.uk/year-13-2021-leavers-service/>

Year 13: Why Study MFL at A Level?



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PREP SCHOOL: DON'T FORGET...Class Photographs on Wednesday 9th June

Year 13: Why Study MFL at A Level? *continued*

As we leave Old Palace for our A Levels, the Year 13 MFL students wanted to share some of their experiences of the languages they have studied at A Level for the last two years, as well as encouraging you all to consider taking a language at A Level.

Studying a language is a unique skill that cannot be obtained in any other subject, and the skills that you will learn at A Level enable you to go above and beyond a basic level in all four elements of the languages (listening, reading, writing and speaking).

Topics that are covered in the A Level syllabus include racism, immigration and traditions – for example, in Spanish, we have learnt about political issues in Latin American countries, which has been amazing to broaden our knowledge and understanding of the culture of the language.

We also study two pieces of writing in our chosen language – whether it be a book, a play or a film. These are similar to pieces you may study in English, with the added challenge of translation!

"I got into Spanish because of Spanish music and for me Spanish has allowed me to indulge in the wonderful Hispanic culture, not just the culture of Spain, but of Latin America as well. Doing a language at A Level has been amazing. It's an escape from the other more content heavy subjects I take."

Anushka

"Studying languages allows you to converse with people from all over the world and (they) are by far the most satisfying subjects. They give you an insight into different cultures and at A-level you discuss prevalent social and political issues in the countries where they are spoken. Initially, I was nervous about studying both Spanish and Italian in the Sixth Form, but it was by far the best decision I have ever made and it has inspired me to continue them at university!"

Olivia L

"I never thought that in studying Spanish A Level, I would ever consider doing it as a degree. But, once we started to read plays and study films, I realised this was something I wanted to pursue even further. Now I can proudly say that I will be studying Spanish and Communications at university."

Varsha

"I was drawn to A Level Spanish because of Spanish and Latin American culture. This subject has provided me with the opportunity to learn a language I love and to expand my horizons."

Alicia

"Studying languages has broadened not only my knowledge of grammar but has also deepened my understanding of culture, history and politics within Europe. It has also cultivated a deep love and respect for societal values and traditions which was not as strong before. I am excited to continue with German at university as it will allow me to explore some niche pieces of literature from various time periods."

Fiona

We would all like to thank the amazing MFL department for helping us to become the linguists we are today. A huge thank you to Ms Pietragalla, Miss Trompetas, Madame Poirier, Mr Le Berre, Mr Talleux and Mrs Finotti and all of the language speaking assistants.

Rajan, Year 13

At Old Palace School, we believe that knowing more than one language empowers students to see, understand and interact with the world in multiple ways. We also think that the study of a language helps us understand the intricacies of our own. The Modern Languages Department offers French, German, Italian and Spanish, all up to A-Level.

One measure of the success of language learning at Old Palace is the impressive number of students who go on to read Modern Languages at university.

Here are some of the impressive offers secured by our Year 13 students for September:

Olivia	Spanish and Italian	University of Cambridge
Varsha	Spanish and Communications	Exeter University
Fiona	German	University of Oxford
Maya	Psychology and Linguistics	University of Edinburgh

Studying French at Old Palace has been truly rewarding with incredible opportunities like theatre trips (Cyrano de Bergerac), visits to the BFI (Nouvelle Vague and Agnès Varda), museums (Christian Dior) and participating in the regional French debate. The broadness of the curriculum has allowed us to explore all areas of French life from music and culture to politics and charitable organisations.

I have particularly enjoyed experiencing French literature for the first time and learning about the fascinating context surrounding our prescribed texts.

Thanks to the enthusiasm and support of our teachers, studying French has been an unforgettable experience and equipped us with the confidence and communicative skills for life after school.

Shreya, Year 13

Celebrating Eid



Some beautiful henna designs that students had on their hands for Eid



Esma (Pre School) and her family.

Bela's Belles

Bela Spencer is a much loved LA at Prep and has been battling cancer for some time.

A group of Prep Staff were due to walk 15 miles with Bela last year for the 10th Anniversary of the Marsden March. It was cancelled due to Covid and this year the event had to switch to walking in the local area instead of an organised day.

On Saturday 22nd May a group of Prep Staff, family members and Mrs Elliott's dog Alfie! walked 15 miles following the Wandle Trail under the name of *Bela's Belles*.

We met at the band stand in Wandle Park, where we helped each other apply a little blue face paint and some blue ribbons. (Covid secure as we each had our own!) We all tried to wear blue as this is Bela's favourite colour.

Bela came to see us off and her two daughters Alisha and Katrina joined us for the walk.

We walked, following the River Wandle, all the way to the end where it meets the Thames. It was a long day, but full of highlights! We saw a Kingfisher, an albino squirrel and a heron! We passed through some lovely areas including Beddington Park, Carshalton Ponds and Merton Abbey Mills.

It was so lovely to see so many Prep

Staff, families and friends showing their love and support for Bela. To date we have raised just over £2,700.

If you would like to support us in raising as much as we can for the Marsden on behalf of Bela, please follow the link to our Just Giving page

below.

Thank you for your support.

Bela's Belles 2021 - <https://marsdenmarchathome.blackbaud-sites.com/fundraising/TheBanhamMarsdenMarch2020-TerriWallis>



LAMDA Exam Results: Public Speaking, Verse and Prose



We were thrilled to have a “live” examiner for these exams in March.

16 students entered, and all passed with Distinctions or Merits.

Particular congratulations go to the “First Timers” to Public Speaking Grade 4: Lila, Maryam, Mariya, Maheli and Ava who conquered any nerves and did brilliantly! There was Grade 5 success as well for Saambavee and Shelise with their fascinating talks.

Gold, Silver and Bronze Medals were awarded to Nancy, Sophia, Emily, Juanita, Vishali and Lakshmi for Grades 6-8. Grade 8 Gold Medals for Verse and Prose went to Kate and Chloe-Marie.

A special mention for Suraiya, who achieved 100 percent Grade 7 Silver Medal in Public Speaking and Distinction Grade 7 Silver Medal in Verse and Prose

Many congratulations everyone!

Left: Suraiya with her certificates

Year 6: House Swimming Gala

Year 6 had their House *It's a Fish Out* Lifesaving House Gala on Tuesday afternoon.

The girls competed in events such as rope coiling and throwing rescues, ball throwing rescues and an underwater basket relay. The latter event is very tiring with a baton having to be transferred from one submerged basket to another in relay fashion, whilst under water.

The scores on the time limited events, previously mentioned, were quite even with the points changing slightly with the addition of the swimming events. Stafford were triumphant winners with Laud, Hatton and Anselm following very closely behind them. Well done to all those who took part. It was great fun!



Lina Rope throwing rescue

Below: Year 6 House It's a Fish Out competitors



Outside School Club

I play netball for Fairlands Netball Club Senior team outside of school and have just started playing again after Covid-19.

I found it so amazing to get back on the court and play again, but I found that I had a massive decrease in my fitness during lockdown. It is so great to get back into sports after such a long time and I would encourage everyone to get back into sports as it is so good and I have noticed the effects on fitness by not having these sports keep us fit.

Lily, Year 10



Intermediate Mathematics Challenge

The Intermediate Mathematics Challenge is organised by the United Kingdom Mathematics Trust (UKMT). The UKMT's aim is to advance the education of young people in Mathematics. One of the ways this is achieved is by organising competitions promoting problem solving and other mathematical enrichment activities.

The Intermediate Mathematics Challenge (IMC) is a 60-minute, multiple-choice competition aimed at students across the UK in Years 10 and 11. It encourages mathematical reasoning, precision of thought, and fluency in using basic mathematical techniques to solve interesting problems. The problems on the Intermediate Mathematical Challenge are designed to make students think. Most are accessible, yet still challenge those with more experience. Students are not allowed to have square paper, a ruler or a calculator for the competitions.

Congratulations to all of those, listed below, who were awarded a bronze, silver or gold certificate.

Well done to Suraiya who was Best in School and qualified for the Pink Kangaroo, which is a follow-on round and for which she was awarded a merit certificate.



Gold Certificate and Best in School

Suraiya	Year 11
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Silver Certificate and Best in Year

Ruby	Year 10
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Silver Certificate

Rebecca, Jathusha, Shahd, Xinyi, Dora, Mia and Aparnaa	Year 11
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Navya and Rachel	Year 10
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Bronze Certificate

Sophia, Ria, Inayah, Abhirrha, Anna, Evancika, Indrani, Rohaan and Varsha	Year 11
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Sakina, Albertina, Rupali, Janice, Mariyah and Harnitha	Year 10
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Young Voices Biggest Sing!



Years 3, 4 and 5 are going to take part in a special Young Voices performance on Tuesday 15th June 2021 at 2pm from our very own Assembly Hall.

We are going to link up with thousands of other young singers and take part in two world record attempts.

www.youngvoices.co.uk/biggest-sing-participants/

The song the girls need to learn is *Lovely Day*, made famous by Bill Withers. As well as learning the lyrics and the melody, Miss Fitzgerald would particularly like parents to encourage their daughters to practise learning the sign language to this song from the video below:

<https://vimeo.com/491604255>

Year 12 Debating Society

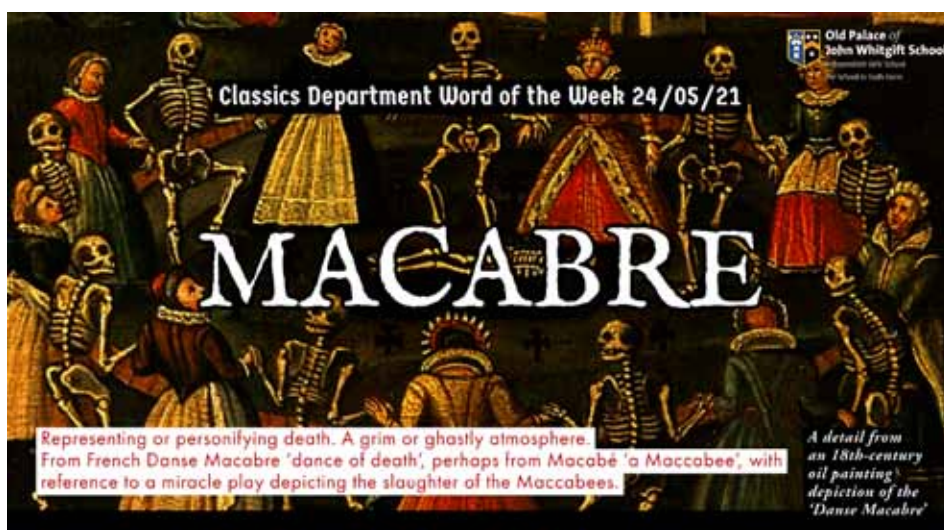
Last Monday, myself, Abisha and Varshini, participated in a virtual interschool debate against students from Godolphin & Latymer School.

The motion was *'This house believes that there should be a maximum wage'*, which our side had to propose. Whilst this was a difficult topic of discussion and facing another school was nerve-wracking, both sides implemented excellent debating skills to get across their arguments within three to four minutes per person. Both sides eloquently answered questions from the floor and endeavoured our best

to rebut arguments made by the opposition.

It gave us Year 12s an experience of interschool debates and the feedback helped us identify our strengths and weaknesses, as both a team and individuals. We look forward to welcoming more people in Year 12, enabling them to grow in self-confidence, communication and rhetoric skills, as the Debating Society continues to conduct both internal and interschool debates.

Alison, Year 12



Year 12: Sports Club

Come rain or shine, Year 12 students have been enjoying a variety of sports each week; from tennis to dodgeball, or even showing off our great dance moves to the sound of umbrella by Rihanna In Just Dance.

Not only has Sports Club helped our physical health, but it has also played an important role in alleviating the unwelcome stress of Sixth Form study by taking our minds off our workload.

We all look forward to the next activity we do!

Idara, Year 12



Calling all Prep Music Students!

We would like your help to decorate our lovely new Prep peripatetic music rooms. If you play an instrument, or indeed if you enjoy listening to music, would you like to draw us a picture that we could use to decorate our music rooms?

Your picture might be:

- of the instrument you play
- a picture that you might imagine when you hear your favourite piece of music
- some musical notation
- anything else lovely that is related to music!

Please hand them in to the office/Miss Fitzgerald or Mrs Parry-Dickinson by **Friday 11th June**.

Thank you for your help!



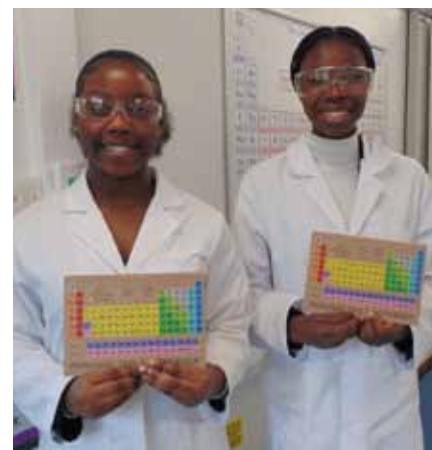
Year 12 Get Competitive at ChemSoc

This half term, Year 12 have used their practical skills to compete against each other for the prestigious prize of a Periodic Table notebook!

In the first competition, Rachael and Naomi were declared the winners for managing to get a chemical reaction to turn blue after exactly one minute. This required very precise measurements and the use of a graph to estimate the concentrations needed.

This week, Jessica and Anya took the prize for being the first to break a mystery chemical code. To do this, they had to carry out ten titrations, working very efficiently and safely, and then match their burette readings to atomic numbers to obtain a series of element symbols. Using the symbols, they then had to work out some mystery sentences.

All the students displayed excellent teamwork and it is wonderful to see Year 12 attending in such numbers. Well done to all!



Year 7: House Swimming Gala

This week has been a hectic week for House activities at the swimming pool.

On Monday, the atmosphere for the Year 7 House gala was absolutely electric! There were a mixture of swimming and fun events, starting off with the Freestyle relay. Laud romped home to win this first relay event just ahead of Hatton, with Stafford and Anselm following in third and fourth places.

The scoring was pretty even for the first half of the gala. However, the order soon began to change with an enormous wave of first and second places for Stafford, who finally emerged overall winners; three points ahead of Laud in second place with Hatton and then Anselm following in third and fourth places.



Amber competing in the Breaststroke event



Sapphy, Olivia and Jemima taking part in the noodle relay for Laud.



Nia swimming in the Water Polo Frontcrawl event

Places to Visit Over Half Term

The easing of restrictions means that the City's museums and attractions are reopening. Half term is a great time to revisit a favourite or go somewhere new.

The Science and Psychology Departments have come up with some recommendations.

The Wellcome Collection opposite Euston station is a free museum and library exploring health and human experience. It has a number of exhibitions running, a reading room for independent study and superb gift shop.

Don't forget to book or check out their online talks.

<https://wellcomecollection.org/>



The Old Operating Theatre and Herb Garret near London Bridge also has a primarily medical collection with early surgical and pharmaceutical equipment. Their collection can be explored online too.

<https://oldoperatingtheatre.com/>



The Bethlem Museum of the Mind in Beckenham can also be visited in person or online.

museumofthemind.org.uk/whats-on



The Natural History Museum in Kensington has over 800 million objects in its collection and employs about 300 scientists. Mrs Marren's highlights have always included the giant metallic globe dominating the Earth Hall; the wide range of minerals in large oak cabinets (with her favourite being the largest blue topaz gemstone of its kind) and, of course, no trip would be complete without trying the earthquake simulator.

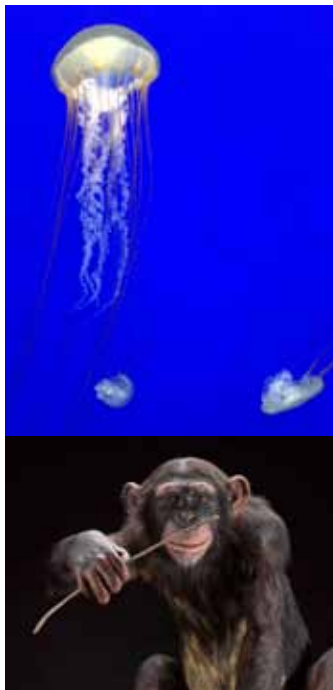
Natural History Museum is currently displaying The Wildlife Photographer of the Year exhibition. The museum also has an online magazine, or you can read or watch the content on how humans have caused huge changes on our planet.

www.nhm.ac.uk/discover/anthropocene.html



Dr Haughey and Mrs Stockwell like to visit:

The Horniman Museum and Gardens in Forest Hill. The museum has a very good underwater section and Mrs Stockwell especially likes the rocky shore wave exhibit and the mesmerising jellyfish.



Most of the Horniman is free to access but it is currently hosting an exhibition on primates that requires tickets.

<https://www.horniman.ac.uk/whats-on/>



More Places to Visit Over Half Term



The Faraday Museum in The Royal Institution remains closed but you can still explore Michael Faraday's Magnetic Laboratory. Mr Taruwona explains that 'you can see some of the actual equipment and objects Michael Faraday used in his scientific work. It offers a fascinating glimpse into the past and a chance to marvel at some famous historical relics such as his giant electromagnet.'

www.rigb.org/our-history/michael-faraday/magnetic-laboratory



For something 'out of this world' Mrs Peplow likes to visit the **Royal Observatory Greenwich**.

www.rmg.co.uk/royal-observatory



You do not have to stay in London. You can learn about microbiology from a museum in Amsterdam dedicated to this fascinating invisible world.

www.micropia.nl/en/discover/microbiology/

Wherever you go, don't forget to take a notebook or draw some pictures. We would love to see your photos or read a write up in the Palace Post.

Year 8 Swimming lesson

In Monday's Swimming lesson 8S had the opportunity to try some fun relays! They have worked hard this term and so a bit of relaxation was needed – with some practice as well for their forthcoming House Life Saving Competition. Here are some of 8S doing a raft relay



Calling all girls interested in playing cricket outside school



As we have been introducing, playing and developing cricket this term a number of students have asked about clubs outside school – which is fantastic

Please follow these links to find contacts in your local area

www.surreyccricketfoundation.org/page/women--girls/join-a-club-in-your-area/croydon-12541/

www.surreyccricketfoundation.org/page/women--girls/join-a-club-in-your-area/wandsworth-12548/

A number of clubs have a colts section for boys and girls which are also great ways to get involved – but if your daughter would like to attend a girls only club then these links will be really helpful



A Level Geography Trip

A Level geography students had the thrill of going on a three day excursion to Dorking to do field work in preparation for our NEA (independent investigation). It started off on a wet and windy Friday in Dorking town centre to observe things such as environmental quality, mood and sound level in the area in order to assess where 'the happiest place in Dorking' was. The day was heavily set on walking around and sound appreciation was found by the whole group when we came upon a Starbucks to eat lunch in!

The second day led us to our biggest adventure; climbing Box Hill. This was up a steep hill that led us to observe the effect of the carbon cycle in the area as well as our brief attempts in spelling 'carbon' with our bodies. We also explored the effects of the water

cycle, and how runoff varies depending on surface. This led to us carrying out experiments where we poured water over different surfaces - luckily most of us didn't get wet.

Sunday involved analysing the data we had collected over the previous two days and we learned about statistics, which most of us now have a new love-hate relationship with!

Although the three day excursion was tiring and involved most of us getting up before 8am on the weekend, it allowed us to understand how our NEA would work and gave us an in-depth view on what needs to be included in order to make sure that our own investigations will be as successful as possible.

Ade B, Geography Prefect



A View From Year 6... Culture & Diversity

Aboriginal Cultures

Hello! I used to live in Australia (Tasmania to be exact) and I always loved the Aboriginal culture, so today I'm going to tell you some interesting facts about their culture.

- The Indigenous Aboriginal arts and cultures of Australia are the oldest living cultures in the world!
- One of the reasons they have survived for so long is their ability to adapt to change.
- Their spiritual connection to the land, animals and plants is the foundation of Aboriginal culture, traditions, customs and beliefs.
- There are many different traditions in the Aboriginal culture but one of my favorites is their ceremonial dances. These dances are preformed to tell ancient stories which add value and depth to their spiritual connections. Dancers perform in patterned paint and with ceremonial tools, and perform a lot of lower ground clapping and stomping movements.

Here is a video on Aboriginal kids in Australia: www.bbc.co.uk/newsround/43710833

Anja

My family is from Scotland, so I thought I would tell you a bit about a Scottish tradition called:

Burns Day

It commences every year, on the 25th of January to coincide with the poet's birthday and it is celebrated by eating Haggis (made of the liver, heart and lungs of a sheep. Horrible, I know) The starter is served and Address to Haggis is read out. Address to Haggis is a poem by Robert Burns and is read out as the haggis is put on the table. Everyone then toasts the haggis, and the main meal is served, followed by dessert.

I hope that you found this interesting, and I hope that you don't EVER have to eat haggis yourself!

Catherine

Well-known Jamaican Traditions



Foods:

Ackee and Salt fish
Dumplings/festival
Jerk chicken
Fried chicken
Rice and peas



Language:

The official language is English but most Jamaicans speak an inverted version of English called 'patois' (said pat-wa). This is a more spoken language and is less commonly written so you'd write normally if you were writing.

Naila-Belle



Kroje - This is my traditional folk dress which Czechs and Slovaks wear. It comes in different colours and patterns.

Andrea



This is Udon noodles - one of my favourite dishes. You fry the noodles and put salt and soy sauce on them. It also tastes nice with some sesame seeds on top for serving.



You have rice with most of the Chinese dishes. This is another Chinese dish.



This is my favourite dish which is thin noodles and is very tasty.

Lina

A View From Year 6... Culture & Diversity



My culture is Caribbean, Our culture is full of music, food and entertainment. The Caribbean is known for its beautiful landscape and sites. One of my favourite dishes is Ackee and salt fish. This meal is really good to eat in the morning.

Kara

My culture is South Asian Malay Sri Lankan, and my faith is Islam.

Ava



As I am Hindu and I am from Sri Lanka this is what I eat. The white, round things are called Idlis and the rest is the sauce that we eat with it.

Shankavi



There are two different colours on the Chinese Flag, red and yellow. Each colour has a meaning, so red symbolizes power and the Communist Revolution and yellow symbolizes wealth. Also the red colour shows the blood painted on the flag. In my old school, we always hung up our flag on Monday and we had to wear our school uniform.

Selina

Avani's cultural dresses!



Here is a picture of my Ghanaian dish. It is called yam and garden eggs stew. I cooked it myself.

I am Ghanaian so this is the opportunity for people to learn about my culture and what we eat in Ghana.

Serwa



Marly

A letter from Mrs Nike

Dear all,

It is such amazing news that the Pre School children have been out on our field planting trees. What a great experience!

Trees have so many benefits including:

- helping clean our air. They remove pollutants from the atmosphere, improving air quality
- reducing anxiety and helping our mental health
- providing us with oxygen. Through photosynthesis, trees take I carbon dioxide and release oxygen
- helping to reduce the effects of climate change. By absorbing carbon dioxide (CO₂), removing and storing the carbon and then releasing the oxygen back into the air, they are helping to stop climate change.

With all the benefits that trees provide, it is no wonder we are so thrilled with our Pre School children for planting so many trees. Over the years, we will be able to watch the trees grow.

If you would like to know more about trees and how to protect our woodland, please click on the link below.

<https://www.woodlandtrust.org.uk/trees-woods-and-wildlife/british-trees/a-z-of-british-trees/>

Well done to Nia in Year 2 for conducting your own experiment at home. It is great to keep investigating new ideas. Please let us know the results!

I hope you have a lovely half term. It is such good news that many of the museums in London are reopening. I am looking forward to hearing all about your half term adventures when we return to school on Monday 7 June.

Mrs Nike
Head of Preparatory

Tree Planting

This week as part of their project 'Are eggs alive?' Pre School children have been learning about and planting trees. Children looked at the similarities and differences of trees in our environment by finding different leaves and using these to identify the trees on our school field. They identified Sycamore, Rowan, Beech, Hawthorn, Lime and Aspen (Poplar). Then there was much excitement when they received a delivery from the Woodland Trust. This year the Woodland Trust is working with schools across the country to reach its 2050 carbon net-zero target, providing packs for specific sites. Our pack came with everything we needed for a residential area.

Children prepared the area by marking it out with cones before identifying the 3 species of tree in our delivery: Rowan, Hazel and Crab Apple!

They all worked hard together to get the trees in the ground, carefully filling in the holes before we put the tree guards on that will keep them safe.

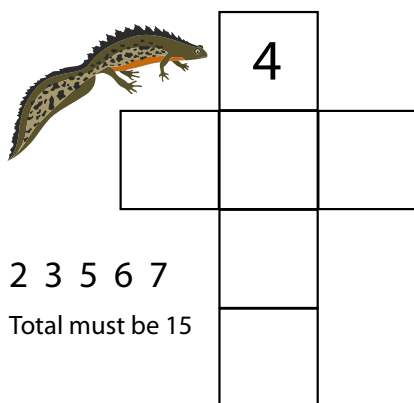




Maths Puzzle Fun

Newton's Cross

Write the numbers 2, 3, 5, 6 and 7 in the correct place so that each line of the cross adds up to 15.



Answer on page 18

Running Club

Before the pandemic we started a Running Club for staff and students in Wandle Park. This was really well attended but then things have understandably come to halt! However, we are now re-introducing it in a different format to ensure we stay in Year group bubbles.

Year 8 are the first year group to be offered this opportunity and it was good to see students ready to run despite the weather!

At running club students can opt to distance run or to follow the Couch to 5k programme run by the NHS. Year 8 will have the chance to go again on Friday 28th and then a different year group will go after Half Term.

There are so many ways to stay physically active both in school and out of school. It is so good to see students up and running again!!



Year 7 Swimming: Backstroke



When swimming Backstroke your head must be held in the correct position and perfectly still for maximum efficiency. The photo shows 7Anselm balancing sinking seals on their foreheads to attain the optimum head placement whilst in a streamlined position.

Year 7 swimmers have also been working on developing their Backstroke starts during lessons. Backstroke starts are a bit like a back dive from in the pool, explosively throwing both arms over the water. As with diving the first part of your body to enter the water should always be your fingertips.



The photo above shows mid take off, before arching her back, over the water to try to get finger tips to enter first with body following in a streamlined position.



Close up of octopus sinker balanced on head during abdominal control and body balance practices for Backstroke

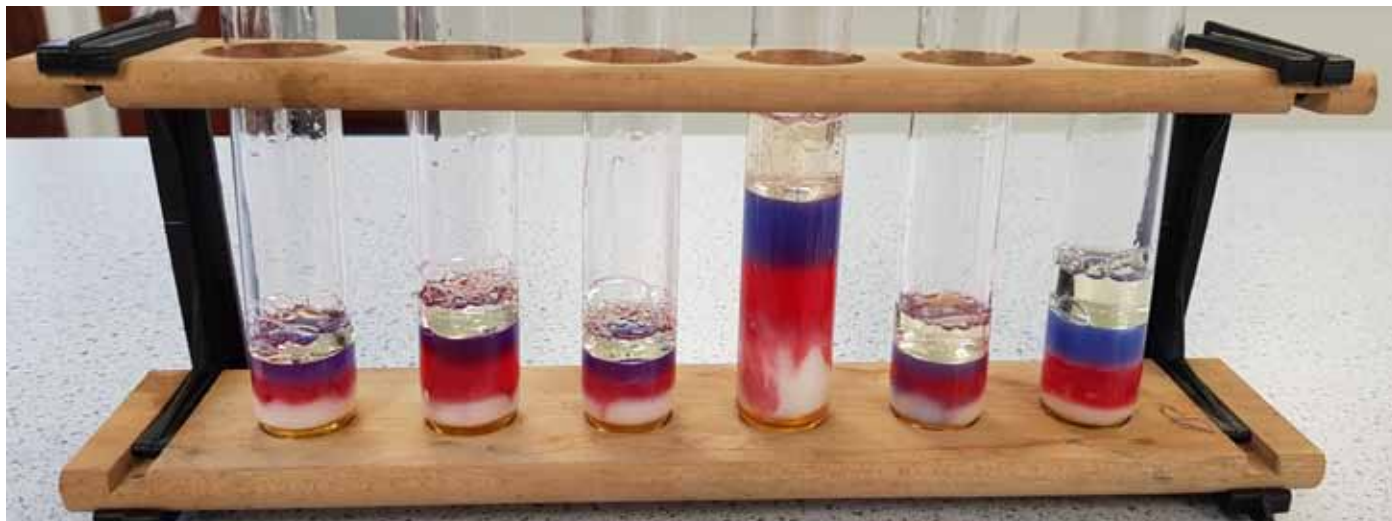


This week the SuperStars used their skills to create density columns.

These were made of layers of five liquids of varying densities. The bottom yellow layer was honey, followed by milk, pink washing up liquid, coloured water and then finally a layer of vegetable oil.

The SuperStars produced some excellent columns and had lots of fun in the process.

Well done SuperStars!



HOW IT WORKS

Although water molecules crowd closely together, each one has low mass, so water's density is fairly low. When substances dissolve in water, their molecules sneak in between the water molecules, increasing the solution's density. Oil molecules are bigger and do not pack together so tightly, which means it has a low density.



HOW TO MAKE A DENSITY TOWER

You'll need a steady hand to build this tower in neat layers. Most of the liquids are "water-based", meaning they are composed of water but with other substances dissolved in it. The following instructions show you how to make the layers using a turkey baster, but it's fine just to dribble the liquids over the back of a spoon. After adding each liquid, remember to wash the baster or spoon before going on to the next layer. Don't stir the tower or these liquids will get mixed up.



Time
15 minutes



Difficulty
Medium

WHAT YOU NEED



Milk



Washing-up liquid



Runny honey



Tall, straight-sided glass



Ping pong ball



Cherry tomato



Bolt

Turkey baster



1 The first layer of your tower is honey. This is the densest of the liquids. Carefully pour it in until it reaches about 2 cm (3/4 in) up the glass. Honey is water with many other substances, mostly sugars, dissolved in it.



2 Next, put in the milk. Draw it up with the turkey baster and gently dribble it against the side of the glass. It will settle on top of the honey. Milk is water with proteins, sugars, and tiny globules of oil.

For a stunning density tower, add each liquid slowly and carefully.

IMPORTANT NOTICE Summer Fair - Saturday 3rd July

Due to concerns regarding the B.1.617.2 variant of Corona virus in Croydon, the PTA have reluctantly taken the decision to cancel the Summer Fair on Saturday July 3rd. However, they will be hosting an end of term event for the girls on Friday 2nd July from 4.00pm-5.30pm at Prep. The PTA hopes that next year's Summer Fair will be an extra special event so put Saturday 2 July 2022 in your diary now! More details to follow.

2020 Programme: Interactive Career Networking and Work-Related Learning



Climate Change and Renewable Energy: Sonnedix

Sonnedix is a multi-national solar power producer with more than 260 solar power plants/farms across eight countries. Sonnedix develops, builds, owns and operates solar power plants. They believe in a world where the future of solar power is limitless and they are at the heart of driving solar as the sustainable energy source for our world.

The Sonnedix Environmental, Social and Governance team attended our Careers Fair in March providing a presentation on the Renewable Energy industry. They had already agreed to participate in the Year 10 STEM Careers and we had just scheduled a visit to their offices, near London Bridge for Year 11, when alternative arrangements had to be planned.

Beth England, ESG Assistant at Sonnedix, provided us with a virtual presentation on Climate Change and Renewable Energy, with a voice-over explaining the slides and some interactive activities, such as calculating your own carbon footprint.

Starting with an explanation of the differences between climate and weather, Beth showed students how the Earth's climate had changed through history, with numerous examples of the changing climate from the beginning of the modern climate era, 11,700 years ago to the end of the last ice age. She then detailed why the current climate change was of particular significance, that it was extremely likely to be the result of human activity and was occurring at a much faster rate.

Continuing with some information on greenhouse gases, she encouraged students to think about what the world would look like if climate change continues, showing a video by David Attenborough (<https://youtu.be/EOctIuyVfnA>). Describing that a carbon footprint measures your individual impact on the planet based on the amount of carbon dioxide you emit, students were asked questions in order to understand what contributes to this.

Introducing renewable energy as 'energy from sources that are naturally replenishing', Beth asked what they could do to reduce climate change. Suggestions, such as eat less red meat, turn off the lights when leaving a room and planting more trees were offered. Lastly, Beth showed a video of young Climate Change activist Greta Thunberg, encouraging students to speak up and inspire others to make a change (<https://youtu.be/g0G6AynmOU8>).



Built Environment: Turner and Townshend

A multinational professional services company specialising in programme management, project management, cost management and consulting across the property, infrastructure and natural resources sectors.

One of our alumnae was really keen to work with Old Palace, especially when her employer, Turner and Townshend, launched their Schools Engagement programme in early February. Working in Project Management Georgia and her colleague presented at the Careers Fair in March and had planned to lead on the Year 10 STEM Careers event in June.

Although Georgia wasn't able to meet Year 11 virtually, she did let us share her career journey from Old

Palace. From her degree in Philosophy, Georgia was intent on pursuing a career in law, after completing a Law Conversion course. With a keen interest in Contract Law, she saw an opportunity to develop this further working within the Built Environment on Construction industry contracts.

As part of the Employer Insight session, we explored the Built Environment and the careers this industry can offer. The built environment touches all aspects of our lives from the buildings we live in, the distribution systems that provide us with water and electricity, roads, bridges, and transportation systems we use to get from place to place. It can generally be described as the man-made or modified structures that provide people with living, working, and recreational spaces.

As the population increases there is greater pressure for sustainable development with over half the planet's population living in cities and this figure is predicted to rise to more than 70% by the second half of the century. Cities account for more than 75% of the consumption of non-renewable resources, and create around three quarters of global pollution.

Considering career opportunities, we looked at how we would need to manage the future world's resources and how sustainability is becoming more important in the built environment. Design inspired by the natural world, smart technology in how we use our surroundings, creating and managing information digitally across a project's life-cycle are all areas where jobs are being created.

The built environment is one of the largest sectors in the UK, making up 10 per cent of jobs, the third biggest employer in average salary with around 300,000 businesses, covering some 2.93 million jobs. We agreed you would be performing a critical role in making the daily environment happen, and ensuring it is sustainable for the years to come.

Many congratulations to Rosemary J, Year 9, who passed with merit her ABRSM Grade 7 flute exam.

Year 2: Science

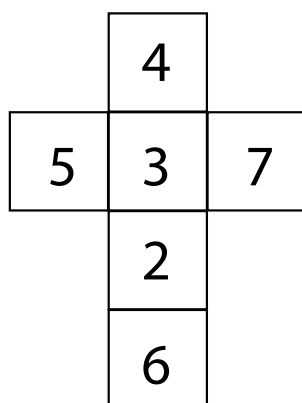


In class we are conducting an experiment to find out the length of time it takes for materials to degrade in sea water.

Nia decided to conduct her own investigation at home with dried pasta in a jar of salty water. Nia wants to know if pasta is a material that would degrade easily or if it would be a problem if put in the sea.

Maths Puzzle Fun page 15

One solution is



Last week's winner was Avani in Year 7

Dance Opportunity

May/June Half Term



YOUTH DANCE REBOOT (IN-PERSON) Book Now!

In person classes begin again this half term in our Ashford Studio with our Youth Dance Reboot.

From Tues 1st – Sat 5th June 2021 (10am – 3pm), 11-18 year olds are invited to join our fun, physical and creative 5-day project.

Each day will be packed with opportunities to learn new dance skills, explore company material, meet new people and be creative! Working with a company dancer, participants will develop a short piece throughout the week culminating in an informal sharing on Saturday.

For those unable to attend the full 5 days, a 2 day option is available 1st – 2nd June.

Please note that for the 2 day project, participants will not be able to take part in the final sharing on Sat 5th June.

Our creative approach accommodates all levels of experience, so come along and be inspired!

5 day inclusive fee: £120*

2 day inclusive fee: £50*

Our studio is a Covid-secure environment and adheres to government guidelines in restricting participant numbers and ensuring safety protocols for dance training.

**In order to ensure that price is not a barrier to young people taking part in the arts we are pleased to offer some bursaries for those who would otherwise not be able to join. If price is a barrier to joining please email:*

classes@jasminvardimon.com

with a sentence or two about yourself to receive a discount code.

After securing your space you will be sent a confirmation email with a link to the registration form for your young dancer.

For enquiries please email:

classes@jasminvardimon.com