



# AROUND THE PALACE

## Phoebe's Green Door



When Phoebe, Year 8, sent us this beautiful drawing of the iconic Old Palace green door, she wrote: *"I drew a picture using oil pastels of the front reception door to show that we will be welcomed back to school when we return in September".*

After the last few months, I think we all echo that sentiment. Have a great summer and we look forward to welcoming you all back on the 3rd September.

**Mrs Berry**, Editor

## Dear all,

I have already given my more formal thanks to the Old Palace community through the end of term letter I have sent to all parents and my speech at the end of term service. So, I will use this message to be a little less formal and share my thoughts as we close the term.

I wanted to be the Head at Old Palace because I wanted to feel part of a school community again after spent several years in a more remote CEO role. We all know that this year has brought unprecedented challenges but I am so pleased that I have faced these as part of the Old Palace family rather than anywhere else. The reasons for this is that Old Palace is a very special school; I have rarely seen so much positivity and resilience amongst the students as I have at this school, alongside so much consistent hard work and dedication from staff and so much support from parents. Thank you for making me feel so welcome this year.

I hope all our students enjoy the summer break and I look forward to seeing them back at Old Palace in September.

**Jane Burton**, Head

## A Tribute to Mrs Frost

Mrs Frost is retiring from the Prep this summer after 32 years of incredible service to our school. As a staff, we wanted to share some memories and thoughts about her.



Mrs Frost is a bundle of energy and enthusiasm, bringing 'pizzazz' to Old Palace! She brightens up every week by thinking outside the box, and weaving thought-provoking concepts with easily accessible 'hooks' to draw the students (and staff) in. When she is in charge of an assembly, you know that fun is never too far away, as well as knowing you will be left with some inspiring words to contemplate throughout the day.

If she approaches you with an idea, you know she has had another stroke of genius and is going to ask you if you can join her on a wonderful mission (however daunting it may sound!). Mrs Frost loves being involved with absolutely everything alongside students and staff and has been an amazing role model for her classes. It has been an absolute joy to work with her!

**Miss Fitzgerald**

I am convinced that Mrs Frost has magical powers! She's blessed with this unique gift of gentle persuasion (thankfully she only uses this power for good). I think persuading me to dress up as a kangaroo (no one will even know it's you) and bounce around the Minster is one of my top memories of Mrs Frost.

Thank you for bringing so much fun and laughter to Prep! We will miss you.

**Mrs Wellington**

I've known and worked with Mrs Frost for twenty-five years so I have many memories! I have been lucky enough to go, as a member of Staff, on her very well organised residential trips to France, Flatford Mill and for the last four years to Caroty Wood. The girls have always had such an amazing time, packed with fun activities - some of them involving rather a lot of mud!

For as long as I can remember, I have helped Mrs Frost with her Thursday assemblies and the Church services. The Church services have often called for props to be made on rather a large scale. Whether it has been painting giant eggs, asking my husband to assemble a giant wooden cross or creating a huge scene from Winnie the Pooh, Mrs Frost has always expected the highest standards, even if they only appear for a matter of minutes.

Mrs Frost has managed to cajole a lot of Prep Staff into dressing up over the years. The most recent example was when we all had to step into giant onesies to become characters from Winnie the Pooh during the Minster service last July; our classes in the pews were wondering what we were doing! All this effort though was because Mrs Frost wanted to make the service accessible to all. Whether the girls were 4 or 18 years old, the Old Palace congregations enjoyed the 'sketches' which told important messages about God's love.

Mrs Frost has also led the Prep staff in amazing ways to entertain the girls in our Christmas assemblies. She has had us learning to play hand bells, performing several pantomimes, singing 'Old Music Hall' style and performing Christmas carols on the steel pans with Mrs Frost on drums!

Whatever she asks, everyone is always quick to volunteer, take part or help because she is a much-loved and well-respected teacher. I count myself lucky to know Mrs Frost as a colleague and a very dear friend.

**Mrs Wallis**

Mrs Frost is a force of nature, so much energy, enthusiasm and positivity that the mere mention of "an idea" or "plan" has us all rallying behind her. We all have faith and confidence in Mrs Frost and when she takes the lead we know we are destined for great things.

**Mrs McMullen**

Mrs Frost, thank you for your constant thoughtfulness, amazing creativity and unbounded energy which have created many memories for staff and students alike. The respect and warmth towards you are very clear from these tributes and we wish you all good things for the future. We are just so pleased you will still be with us on Thursdays!

**Mrs Elliott (aka Tigger)**

*Continued on next page*





*Mrs Frost with her very last class - 5J - after 32 years of teaching!*

It would be difficult to find someone as kind and caring as Mrs Frost. It would also be pretty hard to find anyone who enjoys a prank more. Sometimes, these pranks would find their way into one of her legendary assemblies. I can't even remember the context now, but I'm guessing it was something to do with not judging a book by its cover. I had gone into the staff room and there was a really bad smell. I went into the fridge to get my snack and was horrified to find a tin of cat food, loosely covered in cling film. I was moaning to everyone who came into the room about the awful smell and the cat food. Suddenly, Mrs Frost started laughing her head off. The smell wasn't from the cat food and the cat food wasn't cat food at all. It was something she had made for her assembly using Maltesers and jelly. She was going to eat it in front of the school in the morning's assembly. I still wasn't prepared to try it!

Another time, Mrs Frost started dressing in clothes from a charity shop. She was wearing all sorts of colour combinations and styles. It was as if she had picked the worst items she could find. She wore the clothes for several days, telling me it was a bit of an experiment and all would be revealed in the assembly at the end of the week. I was sworn to secrecy. A few days later, she took me to one side and, with a note of horror in her voice, said to me, "No one's even noticed!"

I have known Mrs Frost for more than two decades. She's been a great friend and I will miss her terribly.

**Miss James**

Mrs Frost is such an inspiring teacher and colleague with her warmth, patience, positivity, empathy and incredible ability to talk to anyone and put them at ease. I will always admire her energetic, thought-provoking and innovative assemblies and although these were of course designed for the children, I found them a comforting and entertaining watch, especially during lockdown when we couldn't enjoy them at school! She has a brilliant sense of humour and fun, always being so willing to join in with silly jokes and competitions. The girls always look forward to her lessons, assemblies and Little Wig club each week. If for any reason Little Wig has to be cancelled, there is always a great echo of disappointment!

She is also a wonderfully kind and caring friend, taking the time to listen when things are difficult and gently suggesting solutions and ways to help in any way that she can. She is a fantastic baker and creates such delicious cakes and sweet treats for us to share in the staff room.

I will miss her very much but am so glad that we will still have her with us one day a week from September!

**Miss Wilks**



## Farewell to Staff

We say goodbye at the end of this term to a few teachers who are leaving Old Palace; Mrs Porter (Dance), Mr Sandhu (Geography) and Mr Shilling (Art). They have covered for staff on maternity leave and so have only been with us a short time, but had a real impact on the students and the school. Thank you.

We also say goodbye to some longer standing staff; Ms Lennie (Spanish) is leaving us to move back home to Manchester. We wish her all the best 'up north' and Mrs Nazir (Maths) is leaving to spend more time with her family. She leaves with our very best wishes.

Miss Hayward (Maths) leaves us after 16 years at Old Palace. She is retiring and we say thank you and wish you all the very best for the exciting adventures ahead.

If you think that 16 years is a long time, we are also saying goodbye to Mrs Frost at the Prep School after 32 years of service at Old Palace. It is not a complete goodbye as she is returning for one day a week next year, but we also say thank you and wish her all the very best for the next chapter of her life. The Prep staff pay tribute to Mrs Frost elsewhere in this Bulletin.

There are a couple more staff to mention who are not leaving but changing roles; Ms McCabe has been covering Year 10 whilst Mrs Broad was on maternity leave and has done a fantastic job - thank you. Mrs Osborne is stepping down as Head of Year 8 after several years in the role and remains with us as a DT teacher for the autumn term. Mrs Osborne has been a brilliant Head of Year, very popular with students and parents and we say thank you. Finally, not goodbye, but good luck to Ms Ojukwu who is leaving to go on maternity leave from September. We wish her all the best for the exciting times ahead.

Jane Burton, Head

## Year 7, 8 and 9 Music Composition Projects

During the last half term, students have been doing some fantastic work composing music from home using a programme called Soundtrap.

Year 7 have been writing in the style of Afro-Cuban music, Year 8 have been writing in the style of electronic dance music and Year 9 have been arranging the theme from Buckbeak's flight scene from *Harry Potter and the Prisoner of Azkaban*.

You can hear a selection of the best projects by clicking on the link below.

<https://youtu.be/KIA44ckBkLM>

Maybe we have the next John Williams in our midst!

## Thank You



Whilst many of us aren't able to say it in person, we would just like to say 'thank you' to the caretakers, catering staff and, of course, Michael, for all that they have done for the school this year. It is much appreciated.

## Senior Sports Day Relay and House Competition Results

Our House Leaders did a splendid job organising our Sports Day House Relay Race; thank you, House Leaders, and of course to all the teachers and students who took part!

Here is the race: <https://tinyurl.com/y9lncpj>

Here are the results (as judged by Mrs Burton)

*It certainly has been great fun to watch it all. I laughed at the creativity of the Old Palace students with all the various props, pets, musical instruments, a piñata and very appropriately a face mask! I think I saw a rubber chicken as well but the person holding it was a quick runner!*



*Please do pass on my thanks to all those students and staff involved. It was hard to judge. There was a lot of originality across all the Houses and so my final positioning came down to the number of different entries/video clips in each video. So, my decision is...*

1st	Anselm
2nd	Stafford
3rd	Laud
4th	Hatton



The library has been a hive of virtual activity since lockdown, establishing digital books and resources for students to use for their studies as well as collating reading lists and running The Carnegie Shadowing Group.

For more information on accessing our digital library and online resources supporting non-fiction reading, visit the Library Seniors VLE page

### Summer Reading Ideas for Prep

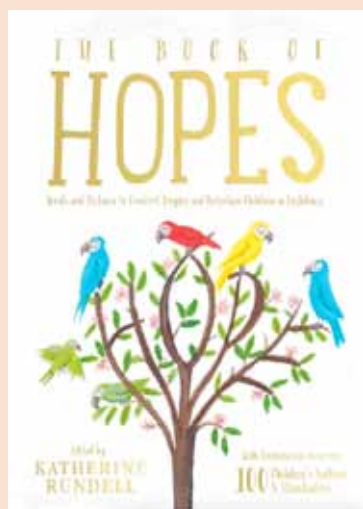
Continuing to read during the summer break will improve children's reading comprehension and literacy, their reading skills and enjoyment of reading. It will also support children's emotional intelligence and mental well-being.

Widen your child's access to books with these free resources, available online:



CBeebies Storytime app

<https://literacytrust.org.uk/family-zone/9-12/book-hopes/>



Non-fiction reading material is just as important as fiction. For this, please visit the school's VLE <https://school.eb.co.uk/levels> page, where you can access our subscribed Britannica website.



Our current most borrowed eBooks & Audio Books are



### Summer Reading

Old Palace's digital library through Wheeler's ePlatform has recently launched, giving our staff and students access to over 10,000 eBooks and new to Old Palace, audio books.

So far, over 150 books have been borrowed.

Top borrows so far are:

- *The Fault in Our Stars* by John Green
- *Pride and Prejudice* by Jane Austen
- *The Graveyard Book* by Neil Gaiman (Whitgift)
- *Noughts & Crosses* by Malorie Blackman
- *The Wolves of Willoughby Chase* by Joan Aitken

The site includes many classic available to read or listen to.

Once eBooks are downloaded, font size, style and background can be altered to suit every user's reading needs. Portions of text can be copied for quotation if using text for an assignment.

Staff and student log in details can be found on the Library seniors VLE page.

Explore and start downloading your next book today!



### Not sure what to read next?

We have lots of reading suggestions that can be found on the Library Seniors VLE page. Explore these lists for different year groups. Our Reading lists are also available to view through Lovereading4Schools.

(Once you have registered on the site, click on the green 'Find My School' button, type in our postcode CR0 1AX and our school page password 'reading')

Discover our Year group reading lists and others including those themed around Fighting Racism, Black Voices, Refugees and Spectrum.



## 'The Silly Squad'

With public library buildings looking to remain closed this summer, the national summer reading challenge this year will be centred on borrowing digital books from your public library's online library service.

With games, reading suggestions and competitions, this year's Summer Reading Challenge, The Silly Squad, has lots of ideas to keep you laughing and reading this summer. Perfect for students aged 12 years and under.



Information on accessing digital books and joining in can be found here: <https://summerreadingchallenge.org.uk/how-to-access-books>



## Book Awards

The Carnegie Awards 2020: The Shadower's Award – take part this summer

The CILIP Carnegie Children's book Award is the oldest and most prestigious children's book award in the world. Old Palace Carnegie Shadowing groups have spent Friday lunch times from March to June shadowing the award, reading the eight shortlisted books and reviewing them to discuss on Teams which book should win the overall Carnegie Medal.

On the 17th June, the 84th Carnegie Medal winner was announced as *Lark* by Anthony McGowan, the final instalment of a story about the lives of two brothers, Nicky and Kenny:

*"Things are getting tense at home for Nicky and Kenny as they wait for a visit*

*from their estranged mum. To escape, they go for a walk on the moors, taking their little Jack Russell terrier with them. But what should have been a laugh, a lark, turns deadly when the weather changes and they are caught in a blizzard."*

The Carnegie Shadower's Award, usually announced at the same time as the Carnegie Medal, has been extended until October, so more students can get involved!

- Read and review the shortlisted books, which can be downloaded from your public library or our Old Palace ePlatforms eBook site
- Email Mrs Chevalier with your choice by 14th September
- The shortlisted book with the most votes will be the Shadower's Choice put forward from Old Palace Seniors

Discover more about Carnegie shadowing and read reviews of the shortlisted books from Old Palace students here:

<https://tinyurl.com/y8hdy26h>

*"Being a Shadower has been really fun as it has introduced quite a few new authors into my list of top authors. There are a couple of books that really surprised me because of how amazing they were! My favourite books from this year (in no particular order) are On the Come Up, by Angie Thomas, Patron Saints of Nothing by Randy Ribay, Girl. Boy. Sea by Chris Vick and Lampie by Annet Schaap"*

**Natalie, Year 7**



## Maths Week London Update



On the week of 22nd June, students in Years 5, 7 and 8 took part in the Maths Week London competition on the Sumdog website. They competed with students from schools across the capital.

Quite a few students really engaged with this challenge, completing hundreds of mathematical questions. This is what some of those students thought about the competition:

*"Sumdog has helped me with my data and graph skills. My favourite game was Powerboat."* **Sanjana**, Year 7

*"Sumdog is a brilliant website: they cleverly mix in games (my favourite is the roller coaster one) answering questions and then playing a game. You earn coins to design a garden house and your own avatar, giving you different animals based on how many questions you have answered. To top it all off it advises you on what topics you should improve helping you be the best you can be. Overall Sumdog is amazing and is very fun especially because of the recent competition."* **Maheli**, Year 7

*"Sumdog has helped me with my mental maths and Cannonball is my favourite game."* **Anjola**, Year 7

*"I enjoyed doing Sumdog because we could compete against people in our class and people around the world by playing entertaining math games. I also liked it because you could also get rewards for your achievements."* **Prisha**, Year 7



## Junior Maths Challenge

Every year, Old Palace takes part in the Junior Mathematics Challenge. It's run by the UKMT (United Kingdom Mathematics Trust). This year, due to students being unable to sit it in schools, it is being run online.

On Friday, 3rd July, students in Years 7 and 8 and some from Year 6 sat the 60 minute multiple choice test. We prepared for the challenge with a practice round earlier in the week.

The Junior Mathematics Challenge encourages mathematical reasoning, precision of thought, and fluency in using basic mathematical techniques to solve interesting problems. The problems are designed to make students think. Most are accessible, yet still challenge those with more experience.

To recognise the highest performers in the Challenge, the UKMT award the top-scoring 40% of participants Bronze, Silver and Gold certificates in the ratio 3:2:1.

How would you get on? Here are one "easy" and one "hard" question from last year's challenge to have a go at!

On Aoife's 16th birthday. Buster was three times her age.

On Aoife's 21st birthday, how old was Buster?

32

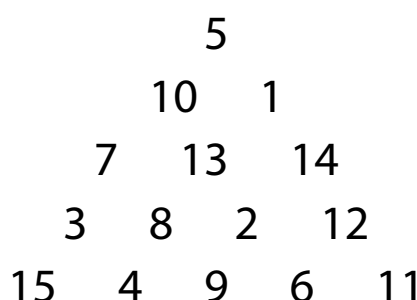
48

53

63

64

The diagram below shows the first fifteen integers arranged in a 'triangle'.



These numbers are to be rearranged so that the five integers along each 'edge' of the triangle have the same sum, unlike the example shown.

When this is done, what is the greatest possible such sum?

38

42

48

52

54

Answers on page 25

## Puzzle Fun

Which number should go in the empty triangle?

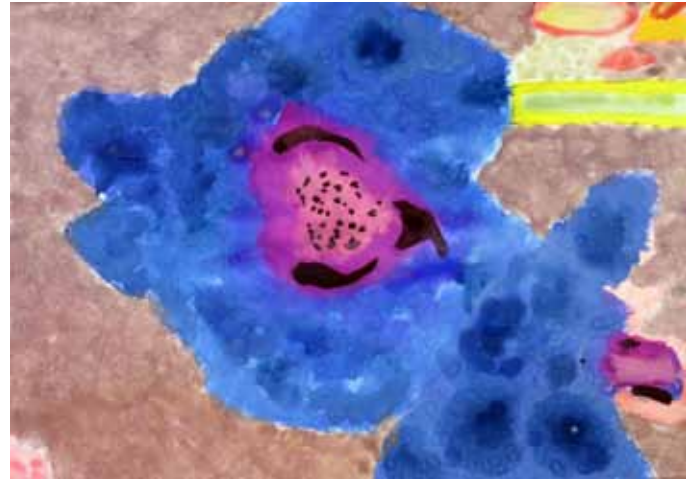


Answer on page 25



## Year 6 Creative Design

During Creative Design lessons in school this half term, Year 6 have been busy doing A2 paintings of abstract flowers. They have really enjoyed the challenge of working on a large scale task that has allowed them to express some creative freedom. They have produced some amazing artwork, capturing floral images in an explosion of colour and with the use of dynamic brushstrokes.





## New Music on YouTube

If you were wowed by the two new musical performances at Senior School Prize Giving (*Higher and Higher* by the Old Palace Virtual Choir and *For Good* by the Year 13 Leavers), you can listen to them again here:

*Higher and Higher*  
<https://youtu.be/uYtJ52y85ZA>

*For Good:*  
<https://youtu.be/QQ9pffebmes>



## Old Palace Minster Choristers and Choral Scholars Unite in Song

The lockdown has been particularly difficult for choirs around the globe, as singers rely so much on hearing each other during rehearsals and performances. So, what to do when meeting up is no longer an option? Adamant not to be beaten by COVID-19, the Minster's Director of Music Dr Krippner came up with a new singing scheme which allowed our choristers and choral scholars to

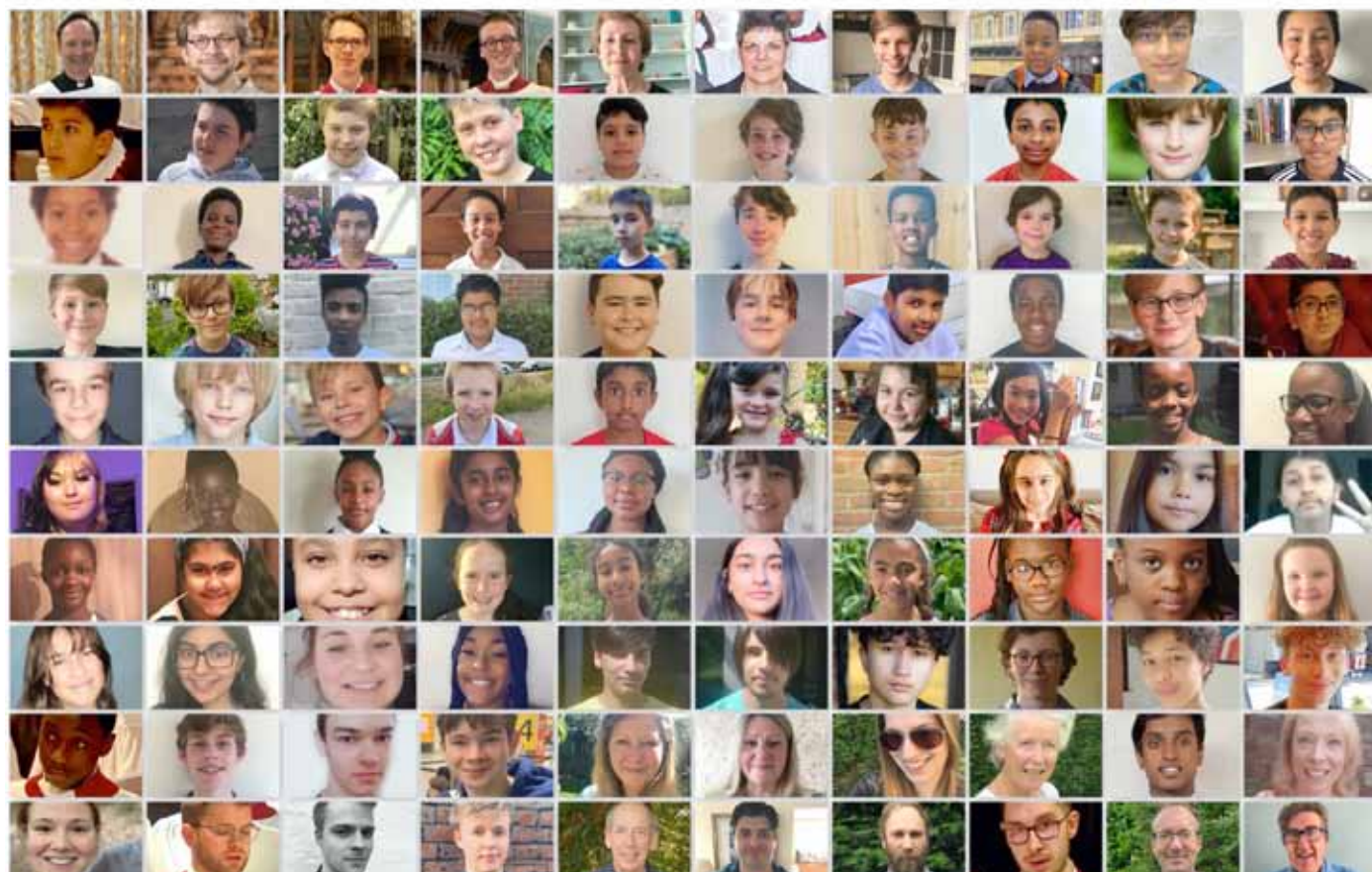
continue with online rehearsals – and even online performances.

All in all, our singers recorded ten virtual choir performances, arranged and collated by Dr Krippner. Whilst some were recordings of choral pieces (such as the famous “Ubi Caritas” by Maurice Duruflé), the choir also performed hymns to be used in services at Croydon Minster and the

wider Croydon community, allowing congregations everywhere to sing along. There is nothing more powerful than traditional hymns sung across the aether, giving particularly elderly members in Croydon (and further afield) a sense of normality during a time which is anything but normal. Here is hope that we will all be singing together again in the Autumn Term!



THE MINSTER CHORAL FOUNDATION  
 2019-20





## Year 13 Leavers' Song

Have you seen the Year 13 Leavers' video yet?

Five students (Megan, Emily, Holly, Yasmin and Molly) have recorded a moving version of the song *For Good* from the musical *Wicked*.

See it here:

<https://youtu.be/QQ9pffebmes>

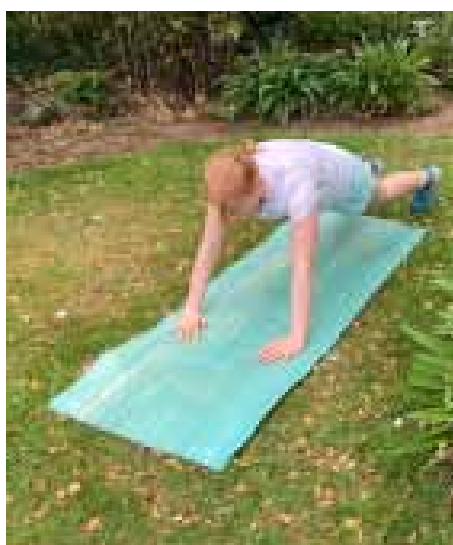


## Year 8 PE

In our PE lessons we have been doing what we would have done at school but have adapted it so that we can do it at home. I really enjoy this as it means that I can still have my PE lessons. We also have weekly catchups to see how everyone is doing and talk about different activities we have done. Although PE has been quite different, it is still enjoyable and I am glad that it has kept going.

My favourite sport this year was hockey and we did this when we were still at school, but I also liked netball, football and cricket too.

Rosemary, Year 8



# Summer Biology Bingo

For Year 9 upwards  
Complete the  
activities for biology  
related prizes and  
house points

**GOOD  
LUCK!**

Hand in either to the biology prefects  
(Anushka/Lisa) or your science teacher on the  
first week of school in September

**EXTEND YOUR KNOWLEDGE AND  
LEARN SOMETHING NEW!**





## A letter from Mrs Nike



Well, we have reached the end of term and the girls have so much to be proud of. They have participated in daily MT lessons, small group sessions, in school activity mornings, end of term parties, transition meetings, award ceremonies, cookery lessons, assemblies, choirs, sports day and so much more. Although it has been a difficult time, there have unquestionably been many moments of positivity and fun had by all. I am truly inspired by the way the girls have worked hard and consistently produced work to a high standard.

I would like you to join with me in wishing Mrs Frost a fond farewell. She has been part of the Old Palace community as a teacher for 32 years. From the minute I met Mrs Frost, she made quite the impression on me. I was struck by her kind and caring disposition, matched with her wit and good sense of fun and adventure. Mrs Frost is full of love, joy, peace, patience, kindness, goodness, gentleness and self-control. She has been a real inspiration to us all. She has serviced us with an unswerving faithfulness for so many years, and for this we are extremely grateful.

Finally, I would like to say 'thank you' to the parents for your support. You have navigated the VLE, printed worksheets, emailed work to teachers for marking and even found time to watch our church services and virtual choir perform. Thank you!

All that is left to say, is I hope you have a lovely summer. See you in September!

Mrs Nike  
Head of Nursery & Preparatory

## Making Pizza with Mrs Wallis

At the end of Year 3 in DT, the pupils normally make pizzas together in the cookery room. This year, Mrs Wallis didn't want them to miss out, so they did it together on Teams. She writes:

During the week, we watched a clip from the film *Ratatouille* where the character Remy experiments with different flavour combinations!

We spent the first session this morning talking about which toppings we had chosen and assembled the pizzas. Then, in the break, their parents cooked them in the oven. We met again on Teams with our favourite drinks and ate them together.

It was great fun!



Mrs Wallis's pizza





## Praise Certificates Awarded This Week



**Aanya** (Year 2) has been awarded her Gold Certificate



Mrs Wallis has given this Praise Certificate to **Avika** (Year 3) for her detailed writing on the character Mrs Jones from *Arabel's Raven*.



**Hiru** (Year 2) with her Silver Award Certificate.



**Olivia** (Year 2) has been awarded her Silver Certificate.



**Annabelle** (Year 3) has been awarded two certificates for her excellent story writing and her Egyptian Canopic jar.



**Sophie** (Year 2) with her Gold Certificate.



**Sophia** (Year 2) has been awarded her Silver Certificate.



**Alynn** (Year 2) with her Silver award certificate.



# Summer Biology Bingo

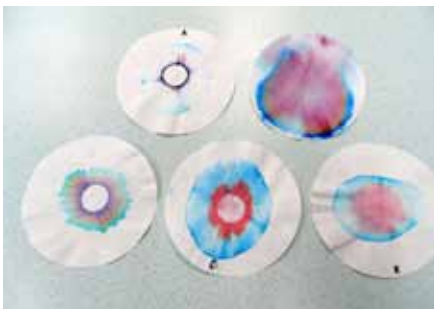
*WHO CAN DO IT?*  
YEARS 6-8

*WHY SHOULD YOU DO IT?*

HAVE SOME FUN OVER THE SUMMER  
HOLIDAYS AND POTENTIALLY WIN SOME  
PRIZES

COMPLETE AS MANY ACTIVITIES AS YOU CAN AND  
SUBMIT IT TO YOUR TEACHERS OR BIOLOGY PREFECTS

## Year 6 Science SuperStars



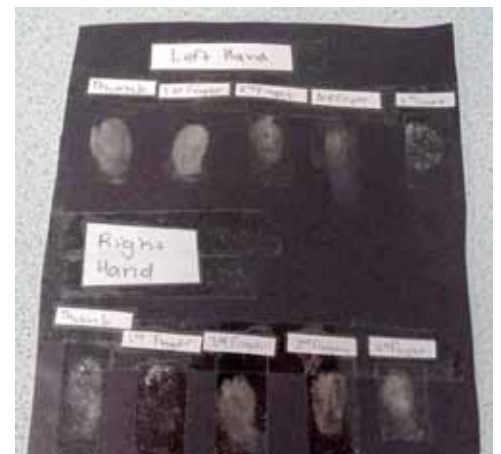
Well done to Ellis May, Nia, Riya and Sariah who successfully achieved their BSA CREST SuperStar Award this year.

The challenge: to complete eight SuperStar activities and record them in a CREST SuperStar passport. Each one takes around an hour and involves solving a real-world problem

The outcome: to develop investigative and teamwork skills. Successfully completing eight challenges to receive a CREST SuperStar certificate and badge.

- A sticky problem
- Get set jellies
- Slime time
- Floating boats (student designed)
- Tumbling toast
- Journey stick
- Investigating inks
- Fascinating fingerprints

Well done SuperStars!



Year 7 students have been learning about Earth and Space and completed a Science project in which they got creative researching various aspects of our universe.

### Space Poem by Huda

All around us... is space  
It is everything's birthplace  
Everything alluring, has so much grace

My eyes wide open  
Stars glimmer – sparks all golden  
Like a picture, floating but frozen

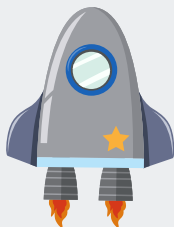
Giant spheres  
That have been here for billions of years  
We don't know how but spheres like Neptune appears

It might not seem like it  
But we are floating without any grit  
Some don't understand- don't have the wit

Some fear the unknown  
Others explore it - are curious  
This is what we call scientists  
Inquisitive, intelligent, ambitious individuals

Space creates holes in human knowledge  
That is why I am bewildered and intrigued  
by its magnificence  
That is why it is beautiful, alluring, puzzling and exciting

Because space is absolutely, utterly nuts



### Space food...ewwwwwww!

I've enjoyed learning about Space this half term. In Science lessons I made films explaining day and night, phases of the moon and solar eclipses. I used a torch and balls to represent the sun, Earth and moon. We were lucky that our topic was at the same time as the astronauts joining the International Space Station (ISS). I've learned lots about the challenges of living with zero gravity and how much Velcro they have to use to keep things from flying around in the station. Their food is delivered every eight days from different nations and they have special machines to rehydrate it. They cannot let any water spill and have special clean up kits to catch escaped drops. It is funny to think that there are astronauts orbiting the Earth all day.

My sister's Year 2 topic at school has also been Space so we bought some space food to try. My mum said that we would not make good astronauts because we pulled such terrible faces when we tried the freeze dried strawberries and ice cream.

The strawberries were really crispy and I did not get the same flavour as a real one despite trying to hold it on my tongue like the packet said. My ewww faces were pretty brilliant!

Natalie



### A Mnemonic to remember the phases of the moon

The most common mnemonic used to remember the phases of the moon is "DOC". This can be used to understand which part of the moon is lit up at different stages in the lunar cycle.

The "D" has an arch to the right and finishes with a straight line to the left. This means that when the right-hand side of the moon is illuminated, the lunar cycle is just beginning. The "O" represents the full moon, and the "C" represents the end of the cycle, the waning (fading) crescent moon.

Lila





### Space Adventure

We burst out of the atmosphere. We were flying around the universe in our very own rocket. The stars glinted around us. We were leaving the earth behind. We might never come back again. We were going for as long as we needed to see everything there was to see. This was the start of Mission Creation.

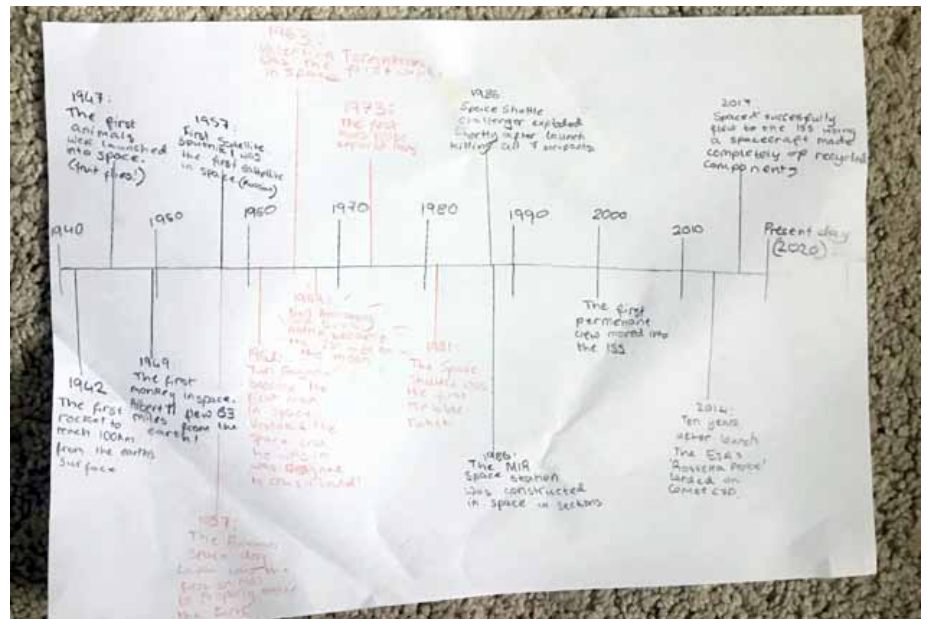
#### 7,000 light years later.

We had been up there for ages going in and out of many different galaxies. But at last we spotted one of the things we had aimed to see: a black hole. Of course we dared not go into it because that would be the end. We would be sucked into its depths to die out there in space. At this point I felt myself slip towards it. We had gone so close, I felt that it was the end. But we had been told what to do if this happened. I

got everyone to get the rockets going sharply the other way. It worked only just in time. I had experienced my first space scare being sucked into a black

hole by its strong forces, sucked into an endless expanse of gas.

**Beatrice**



## Year 12 Reflecting on the Lockdown Experience

Some of our tutor group have been thinking about their experiences during the last few months.

During lockdown I had much more time to read and do extra research for what I want to study at university. I read *Fragile Lives* which is about a heart surgeon who discusses the different types of patients he treated, which I thoroughly enjoyed and was intrigued by.

**Khushi, Year 12**

Lockdown has taught me how to stay resilient and optimistic about the future, even if it may seem uncertain what is going to happen. This has really been a very weird experience, but one that will stick with most of us for a long time. At the start of Lockdown, I thought I had to be very productive due to the "extra time" I would potentially have. But I soon realised that this was not the case as I started to miss being around my peers and seeing family. So I started to be creative in the ways that I stayed in contact with my family and friends. I just hope that there is some way that we can move forward into a life of normality again.

**Anushka, Year 12**

Usually in school I would be hard on myself, writing essays until the night and forcing myself to study when I clearly didn't have the energy. Because of quarantine, I have learnt how to manage my time and I now know how to give myself more effective breaks or when to tell a teacher I won't be able to complete the work to give myself more time. I've also learnt not to beat myself up about my grades dropping slightly as I recognize that getting work done at home can be challenging and everyone is in the same boat as me. I've taken more time to enjoy things I use to do: for example, painting, reading and embroidery. This has improved both my general well-being and the quality of a lot of my work.

**Lisa, Year 12**

I have definitely learnt what my realistic schedule should be when working from home. Usually I would beat myself up because I couldn't focus. However, because I've spent so much time working alone I understand my work pattern – there are periods of the day where I just can't motivate myself

to do work and now I accept that I need a break and that the work will be of a higher quality if I wait until I can concentrate.

I've also learnt how valuable my phone is for maintaining relationships with people. I usually detest talking to people through a phone, but I've tried to force myself to keep in contact with friends (otherwise I really would lose my grip on reality). I'm very grateful for my friendships that have repaired as soon as we see each other, as if there has been no period of separation.

I hope that the positive effects of coronavirus will be seen in families being closer; more appreciation for essential workers including health workers and teachers, but especially for workers taken for granted such as public transport workers, bin collectors and street cleaners. I also hope that the West will have more compassion and generosity for countries in a time of crisis, such as Yemen and Syria where aid is desperately needed.

**Olivia, Year 12**

## Year 7 DT Upcycled Birdhouses

Year 7 have been working on an Upcycling Birdfeeder project in DT over the past few weeks. This involved looking at existing products on the market and designing their own birdfeeder using throw away packaging and any other materials they could find at home. Here are some of their creative results!!



Zara



Neeha



Isabella



Maryam

## Year 8 DT Upcycled Jewellery

Year 8 have been working on an upcycling jewellery project over the past few weeks. They have been busy designing and making their own pieces using materials and equipment they have at home.

Here are some of their lovely outcomes.



Celeste



Mehnaz



Clodagh



Eden



Razia



Rhian



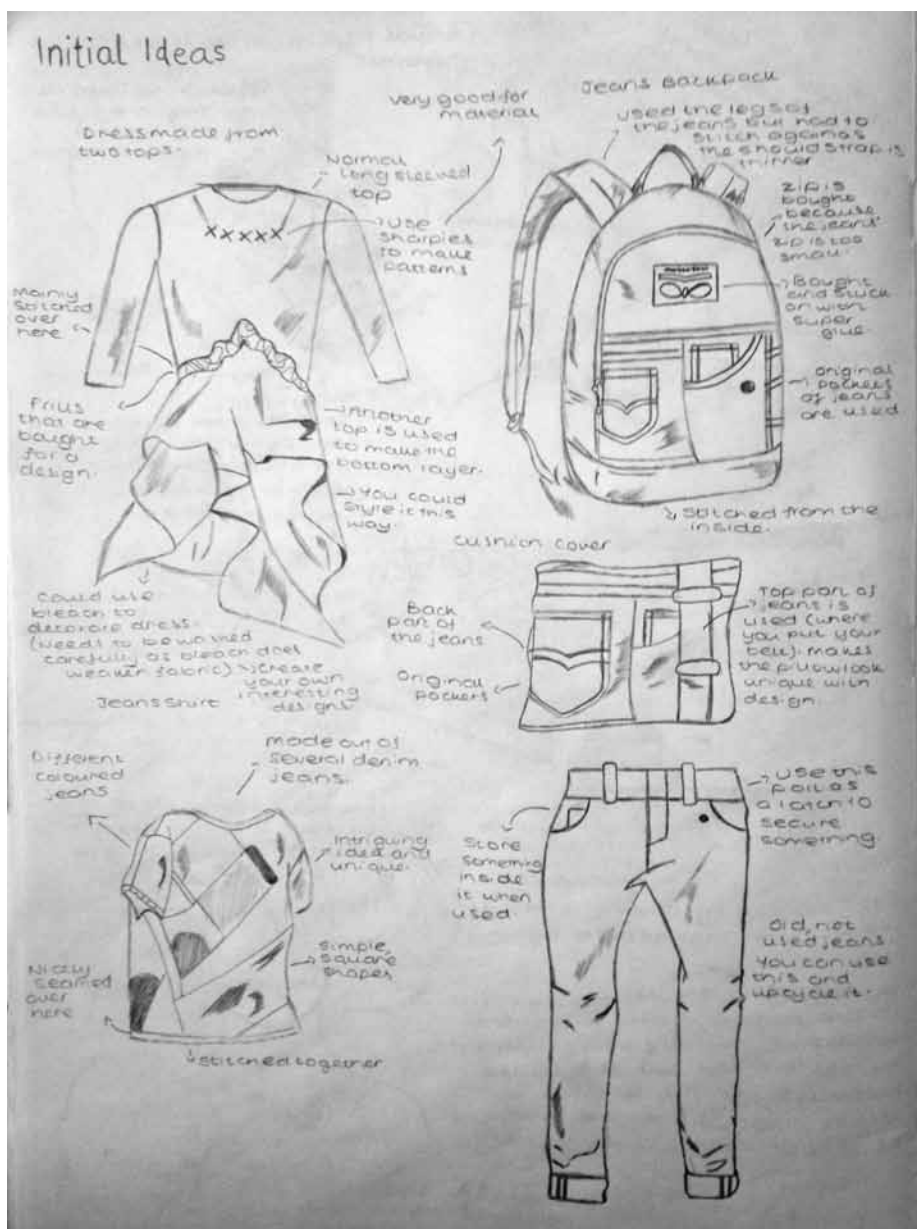
Lily



## Year 9 DT Upcycled Textiles

Year 9 DT students have been working on an upcycling textiles projects over the past few weeks. They investigated textiles products on today's market made from recycled clothing and other textiles products and have used what they have found at home to make their own upcycled textiles outcomes.

This includes Christina's detailed design work for her ideas, a beautiful bag made by Sumaiya and some very thought provoking and important thoughts about fashion and textiles production by Navya.



## Why are my clothes so cheap?

Most of our clothes are made overseas in rural and poor areas as it's much cheaper and more work gets done. The countries where most of our clothes are made are Bangladesh, India, China, Vietnam, Ethiopia, Indonesia, Sri Lanka and the Philippines. The clothes in our closet are made by workers who get paid as little as 40p an hour and the conditions of these factories are considered to be slave labour.

The better the working conditions and quality of clothing, the more expensive the clothes are. The worse the working conditions and quality, the more cheaply the clothes. This is why clothes are made in many different countries as low-income countries won't be able to afford to pay their workers very much, unlike the high-income countries

which are more likely to produce better quality clothing.

There are millions of men, women, and children, working in dangerous factories, sewing the clothes you wear. They are crowded into sweltering warehouses stitching zippers onto jeans. They are cobbling sneakers. They are cranking out T-shirts. They are stitching the leggings you wear to school and the top you are wearing right now. Human beings made them. The bitter truth is that life for many of garment workers, as they are called, is brutally hard considering the working conditions and their low income.

I believe that company owners are responsible for the conditions that the workers work in and just say that "for these workers, it is better than

nothing at least we give them a job", and to a certain extent, they are right. But it is also right to say that they are exploiting the misery and taking advantage of poor populations who have no choice but to work for any salary, in any working conditions.

Sustainability is the ability to be maintained at a certain rate or level. Simplicity is the quality or condition of being easy to understand or do. Overall, I don't think there is a link.

It's often cheaper for companies that make clothes to locate themselves in developing countries. There are also more workers in outside countries that can make more clothing in a shorter period of time.

*continued*

## Year 9 DT Upcycled Textiles *continued*

A simpler way to produce more clothes is to produce more machinery that can do the manual work that takes more time and labour to ultimately produce more clothing with better accuracy.

I think we are responsible for helping garment workers by first researching where your clothes are made. Purchase clothes from the companies that stop abuse. Secondly, write letters to the companies that make your favourite brands. Tell them you expect the people who make your clothes to be treated fairly and paid well. Third, do not stop buying clothing made in Bangladesh. Bangladesh is one of the poorest countries in the world. The garment industry creates 4.2 million jobs. Lastly, spread the word that, as global citizens, we expect every human being is to be treated with dignity and respect.

Fast fashion is a well-established and prominent business model in the fashion industry. Featuring products with a very short life cycle is the common characteristic of any fast fashion operations. With this characteristic, fast fashion companies have to face very high demand and uncertainty. As a result, they have to carefully forecast the product demand and incorporate risk measures into their inventory planning model.

### The Environmental Impacts

Apparel production is resource and emissions intensive.

- Making a pair of jeans produces as much greenhouse gases as driving a car more than 80 miles.
- Discarded clothing made of non-biodegradable fabrics can sit in landfills for up to 200 years.
- It takes 2,700 litres of water to make one cotton shirt, enough to meet the average person's drinking needs for two-and-a-half years.

### The Societal Impacts

Clothing production has helped spur growth in developing economies, but a closer look reveals several social challenges. For instance:

- According to non-profit Remake, 75 million people are making our

clothes today, and 80 percent of apparel is made by young women between the ages of 18 and 24.

- Garment workers, primarily women, in Bangladesh make about \$96 per month. The government's wage board suggested that a garment worker needs 3.5 times that amount in order to live a "decent life with basic facilities."

Rapid consumption of apparel and the need to deliver on short fashion cycles stresses production resources, often resulting in supply chains that put profits ahead of human welfare.

The price of clothing has been decreasing for decades, while the human and environmental costs have grown dramatically. Workers have worked for years in a physically demanding job that gives them no benefits, very long hours, and a low and steadily declining salary. Every year, hundreds of workers are killed or seriously injured in accidents caused by poor health and safety conditions. Workers are frustrated and powerless because they are prevented from joining with their fellow workers to demand better conditions. This is the life that garment workers lead, and I believe that they are truly paying for the costs of your cheap clothes.

Business models based on longevity are the beginnings of an industry that supports reuse instead of rapid and irresponsible consumption. Hopefully, consumers will be able to lease clothes rather than buy and stash them in their closets. Ideally, an "end of ownership" in apparel will be implemented in a way that considers impacts on jobs, communities, and the environment.

Companies will need to do what they have never done before: design, test and invest in business models that reuse clothes and maximize their useful life.

**Navya**, Year 9

## Year 6 in the Dance Studio

Year 6 have been having social distancing dancing fun in the studio this term as part of their Expressive Movement lessons. The students have been learning a routine to a popular track whilst keeping on their spot 2 metres apart.

*I loved being able to come back to school and being able to dance in the studio. When we first went to the studio we started learning a dance to "Can't Stop This Feeling". We were allowed to add our own choreography to the dance making it original. I had so much fun even though we had to social distance.*

**Amber**

*Although we had to social distance whilst dancing with crosses on the floor we have choreographed together and performed as a whole group together but apart!* **Sapphy**

*It is really amazing that I am able to come back to school and dance in a proper studio rather than dancing in my living room!* **Nikhita**

*Coming back for dance has been very safe and fun!* **Aarna**

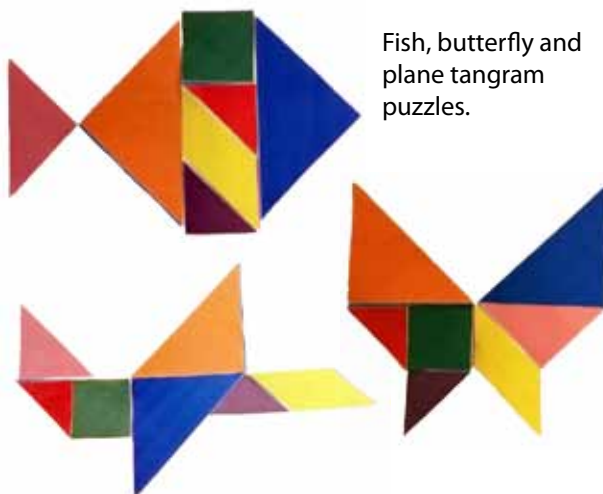




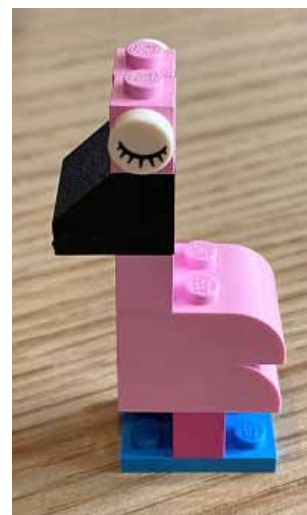
## Year 2 STEM Week

For the last week of term in Science and Maths, Year 2 have been taking part in some STEM activities.

We designed and adapted tinfoil boats to carry as many coins as possible; wrote in invisible ink using lemon juice and observed various chemical reactions. We also experimented with different designs to build the tallest tower possible from paper cups; built with Lego and completed tangram puzzles.



Fish, butterfly and plane tangram puzzles.



Alynna and Anokhi



Aanya - Waving glove experiment



Aanya - How to grow a rainbow



Hiru's foil boat



## Fun Activities Day

### Year 1 Baking

On Tuesday, we welcomed back some Year 1 pupils for a day of activities.

They spent the morning putting on a production of *The Ginger Bread Man* and the afternoon baking and decorating Fairy Cakes.

Here are some of the very professional results!



Year 4 enjoyed some socially distanced races.





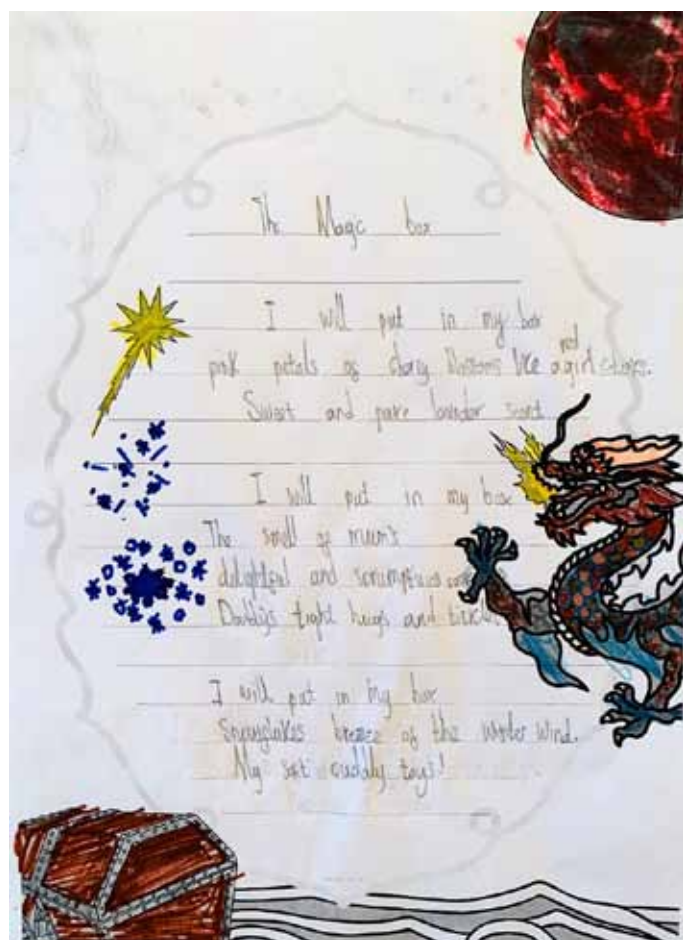
## Year 2 The Magic Box

In English lessons this week, Year 2 have planned and written their own versions of Kit Wright's poem *The Magic Box*. They thought of their favourite things, using all five senses.

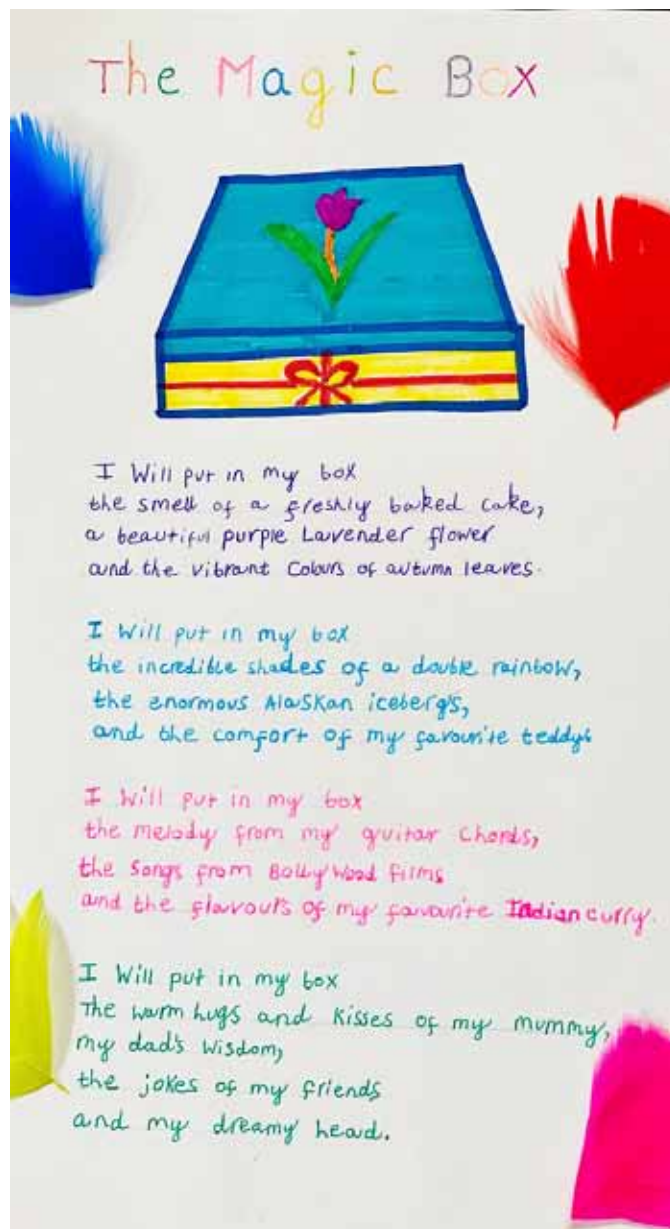
In DT, they designed their box to help them to write the verse that describes it. They did a great job!



Sophie with her poem and magic box



Above: Paavana's magic box and poem



Aanya's magic poem



Hiru's magic box



## Reception Virtual Lessons

Mrs Wellington writes that her Reception class has risen marvellously to the challenge of daily online learning.

The girls have independently muted; skilfully posted messages; sent emojis and politely used the hands up symbol to ask questions. Mrs Wellington is very impressed with their new found skills. Well done!



Ayla



Anika



Isabella



Amelie

I like the online lessons because I can meet Mrs Wellington and my friends even I am at home.

Isabella's comment on virtual lessons.

## Year 4 Paul Klee Inspired Art



Lydia



Riya

## Year 8 PE Games

This was fun! The games, even though they were kind of ridiculous, were really fun. As it was still early in the morning, they woke up my family and as the energy ran through the roof, so did the competitiveness.

We attempted all the games, but our favourite one was the 'Connect 3'. It generated energy, but was like a war zone. I don't think I can remember the amount of times I was pushed or fell over! Also, the infamous 'Cereal Box Game'!! I don't think you know what competitiveness is until you play this game. My dad nearly broke his back trying to reach the ground.

My family are sore losers and this game revealed this. All in all, this last lesson was the greatest one yet! Thanks for everything and have a great Summer holiday!

## Faith, Year 8



## Year 10 PE

It was great to welcome some of our Year 10 students back to school last week and enjoy being ACTIVE again! The group recapped on some of their cricket skills and played a small game – as well as using their hand-eye coordination skills for tennis – which were a little rusty!!



## Reception: Last few Doramas of the Sea



Amelie



Libby



Kiyana



Eileen



Zeeyana





## Nursery & Pre School News

Mrs Anderson says: *"It's been an absolute joy to teach Pre School this week; the children have had so many great ideas that they've really kept us on our toes."*

Pupils learnt about volcanoes and lava, making their own mixed media volcano pictures and experimenting with colour, design and form.

Over the last two weeks there has been

lots of activity in the garden as our new outdoor area takes shape. The children decided that they wanted to thank our caretaker, Peter, for all the work he has done making a new sandpit and moving our playhouses.

They drew pictures and wrote letters, put them into envelopes and took them down to the workshop. Peter was thrilled to receive so much post

and came up to the classroom later to thank them.

Volcanoes led to dinosaurs and a trip to the library to research dinosaur bones and then make skeletons.

In the garden they planted tomatoes and watered the courgettes. On the field they played duck, duck goose, climbed a tree and played football. All in all, it's been a very busy week!







Whilst the school is closed, we will be wishing happy birthday each week to students whose birthday falls during this time.

## July

Feran	Year 8	1st
Hannah	Year 9	1st
Inayah	Year 10	1st
Leonardo	Transition	1st
Shreya	Year 12	1st
Kirstie	Year 1	2nd
Ilma	Year 10	3rd
Indrani	Year 10	4th
Kayla	Year 11	4th
Mathumitha	Year 12	4th
Nia	Year 13	4th
Ria	Year 10	4th
Obadesola	Year 8	5th
Isabel	Year 8	6th
London-Jai	Year 7	6th
Vedika	Year 8	6th
Sharanki	Year 12	7th
Noah	Baby	8th
Alice	Year 11	9th
Safiya	Year 7	9th
Treynelle	Year 11	9th
Venba	Transition	10th
Fatemah	Year 2	11th

## Year 4 Geography

The girls in Year 4 have been learning about Jamaica in Geography. Whilst studying hurricanes, they each created a hurricane in a glass by adding water and food colouring to a cup and stirring vigorously. The swirling water represents the hurricane winds.



## New Sister



Isabella with her little sister Olivia

## Eileen (Reception) Art Inspired by Picasso



## Answers to Junior Maths Challenge on page 5

53 and 52

## Table Top Garden



Clodagh has sent us a photograph of her mini garden. She created it during Lockdown on a table and is growing four different types of cacti, three succulents, basil and, just recently, sweet peppers.

## Answer to Puzzle Fun on page 5

5. Add the two bottom numbers and divide by the top number so  $14+6=20$  and  $20\div4=5$