



AROUND THE PALACE

Dear all,

One thing we have certainly learned over the past year is that schools are shadows of themselves without our students present.

This bulletin reflects the dynamism of Old Palace with so many students across the school

involved in a wide range of different activities - all demonstrating what it means to be a student at Old Palace and what it is that makes the school a special place to learn, work and be linked to.

As we end this most extraordinary of years, I wish the whole Old Palace community a very relaxing

summer break. We look forward to seeing everyone again in September.

Jane Burton, Head

Year 2 Innovate Task - The Scented Garden



Years 3 - 5 Sports Afternoon

What a lovely time Year 3-5 pupils had last Friday as they competed in their countries for Sports Afternoon.










There was a round-robin of events for every country, followed by the traditional sprinting and skipping races.

Lots of fun and smiling faces all round. Well done everyone.



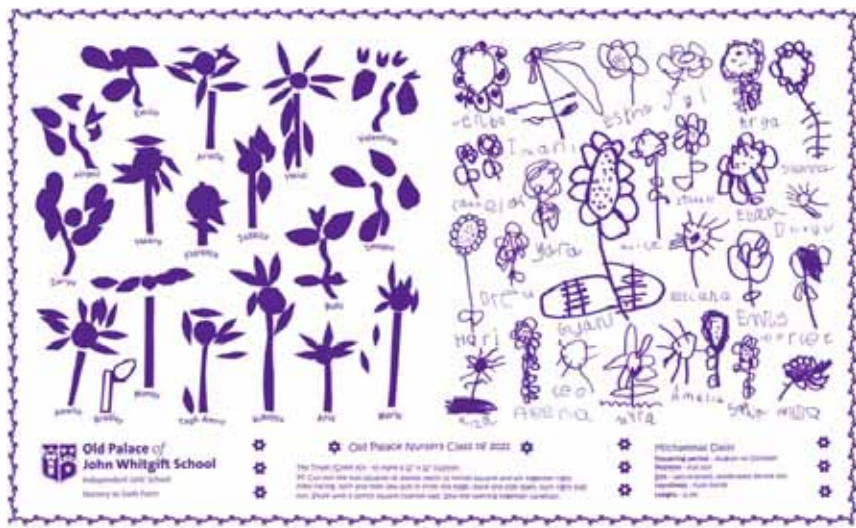


🏆 Sports Day Results 🏆

Rank	Team	Points	Year Group
1	 Spain	485	Year 3
2	 Turkey	459	Year 3
3	 Sweden	438	Year 5
4	 Switzerland	426	Year 5
5	 Denmark	412	Year 3
6	 Italy	390	Year 4
7	 Finland	374	Year 5
8	 Belgium	357	Year 4
9	 Portugal	333	Year 4



Transition & Pre School: Class of 2021



The Pre School and Transition children have all contributed artwork that has been printed onto a super Tea Towel which we hope will be a good memory of their time at Old Palace.

The motif they have reproduced is the Michaelmas Daisy which is the traditional flower worn at our

Founders Day each year on 29th September.

The Tea Towel is also a cloth kit that can, if preferred be made into a 12 inch memory cushion!

They are available at £5 each - payment via Wisepay

Lola Wins Silver Medal at Croydon Borough Athletics

In yet more Athletics news, Lola in Year 5 was declared the silver medallist at the Croydon Borough Athletics last week. She jumped a great height of 1m:12cm. Well done Lola!



Running Club

Despite a busy week of Sport, a number of Year 7 students still had the energy to attend the Year 7 Running Club on Friday after school.

Running Club operates under the Couch to 5K programme with students running and walking for set times each week.

Thank you to Mr Taruwona and Mrs S Smith for helping encourage Year 7s for the whole time!



425 Badge Competition



We were delighted to receive so many wonderful designs from Prep students for our 425th anniversary sticker competition. Congratulations go to winner Jessica for her bold design incorporating the school colours and logo, and showing a celebration theme.

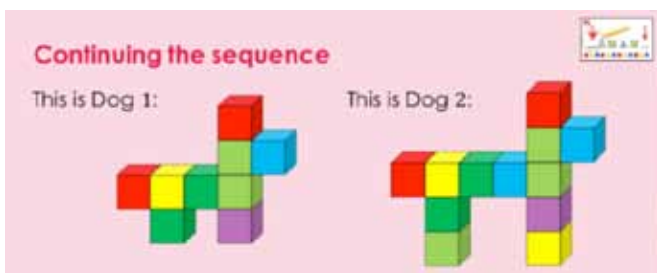
Maths Puzzle Fun

Work out the rule that gives this sequence and use it to work out the next number in the sequence

16 37 52 ?

Answer on page 34

Maths Magic in Year 4



Tamalia writes:

Recently in Maths, we (4J) have been investigating number patterns. An activity we did is where there are 2 dogs made up of cubes; dog 2 is bigger than dog 1.

We had to work out the similarities and differences and, using that information, we had to fill out a grid and work out how many cubes were needed for the 3rd, 4th, 5th, 6th, 10th, 20th and 100th dog in the sequence. It was quite challenging at first, but then I got to grips with it and it got a bit easier for me.

We did another activity, similar to the last one, only involving tables and chairs and how many people can sit at each table, which was equally challenging but fun.

Here are our findings:

- We could see that all the dogs had one cube each for the tail, ear, nose and head.
- The number of cubes needed for the body was the dog number plus 2.
- The number of cubes needed for the legs was the dog number multiplied by 2.
- We used this to work out the number of cubes needed for dogs 6, 10, 20 and 100.

How many cubes would you need for each part? How many cubes in total?
What would stay the same and what would change?
You may want to sketch the dogs using the squares in your books.

Dog number	Body	Legs	Tail	Ear	Nose	Head	Total cubes
1	3	2	1	1	1	1	9
2	4	4	1	1	1	1	13
3	5	6	1	1	1	1	16
4	6	8	1	1	1	1	19
5	7	10	1	1	1	1	22
6	8	12	1	1	1	1	25
10	12	20	1	1	1	1	36
20	22	40	1	1	1	1	66
100	102	200	1	1	1	1	306

Now work out the cubes needed for dogs 6, 10, 20, 100.

Extension:
Use our method from yesterday to find a rule for this sequence
(Dog number x gap) and the adjustment.
Test the rule to see if you get the same answers for dogs 6, 10, 20, 100

We then used some maths magic to work out the rule for our sequence: Dog number multiplied by 3 then add 6 and, when we checked our answers for dogs 6, 10, 20 and 100, they were right!

Today, we identified more patterns in our work on prisms. We discovered relationships between the number of sides of the base and the number of faces, edges and vertices each prism has.

We have enjoyed investigating patterns!

Year 4: Electricity

As part of the work on Electricity, Year 4 built circuits and tested materials to identify materials that conduct electricity and those that are insulators.



In DT lessons this term, they have designed and made beanbags complete with an electrical circuit.

Our designs were of an underwater theme based on our topic Blue Abyss and we had to include two lights. We drew and coloured our designs onto fabric. We then used conductive thread to sew a circuit between the lights and battery, before sewing and stuffing the beanbags.

Here are some examples of our finished work!



Pre School: Swimming

Last week, Pre School went on their very first mini bus trip to the Senior School swimming pool.

We met Mrs Tamplin and had fun getting in to our swimming things. We then went to the poolside and put our arm bands on before getting in to the water with some of our teachers. We sang lots of songs, had a go at kicking on our backs and then blowing some bubbles.

At the end of our lesson we got dressed and headed back to Pre School on the minibus. We had so much fun! Thank you to the PE staff at Seniors for letting us use the pool and to Mrs Tamplin for helping on the day.



Year 10 Athletics

It was Year 10's turn to showcase their athletics skills on Wednesday.

It was a chilly day but everyone was keen to get going and warmed up ready for their event. Although it lacked a little in atmosphere due to Covid restrictions, it was good to be able to compete again.

Well done to everyone that took part - whether in a track event or field event. We had some very close positional finishes with Nissi (Shot Put) and Kei Kei (Triple Jump) finishing FOURTH. Zino finished Second in her heat as did Mary. Jessica came FIRST in the Long Jump so came away with a Gold Medal and the 4 x 100m relay team were placed Second in their heat. Well done!

Team: Mary, Zino, Mi Hye, Jessica, Nissi, Kei Kei, Jaeda and Sakina.



Year 6 Sports Afternoon

Year 6 students enjoyed a great afternoon last Friday competing against each other in a mix of athletics and fun events.

All of Year 6 chose one sprint event to compete in. There was also an invitational 600m race for those who wanted to challenge themselves over a greater distance. Well done to those who opted in to this challenge!

All students then competed in the ball throw and the standing long jump and, as in all athletics competitions, the finale of this section was the relay! Everyone took part and LAUD was the winning team.

After a short break the students then turned their hand to Welly Throwing and the Water and Sponge Relay before the presentation of certificates and medals.

The weather was kind to us and everyone had fun! It was great that Mrs Solari was able to join us to see Year 6 getting involved!



Prep Music Competition: Results

In the last Bulletin Stafford were named as the overall HOUSE winners.

This week, Pauline Stone was handed the difficult task of selecting five students from each category to be placed. All finalists will receive individual feedback from Miss Stone and a special certificate.

Please remember, it is a fabulous achievement to reach the Finals, even if you are not placed!

Many congratulations to the following students for their outstanding performances:



Category	1st	2nd	3rd	4th	5th
 Vocal	Lola-Marie Year 5 (Stafford)	Fatima Year 4 (Hatton)	Hiru Year 3 (Hatton)	Olivia Year 3 (Stafford)	Aideen Year 2 (Anselm)
 Piano	Chloe Year 5 (Hatton) & Victoria Year 1 (Stafford)		Grace Year 5 (Anselm)	Avika Year 4 (Hatton)	Lydia Year 5 (Anselm)
 Instrumental	Alice Harp Year 1 (Hatton)	Lydia Oboe Year 5 (Anselm)	Misha Violin Year 2 (Laud)	Sophia K Violin Year 3 (Laud)	Jessica Oboe Year 4 (Laud)



This is what we have been up to in Dance this term ...

Year 7 – Parkour

This term in Dance the girls have been exploring Parkour through a dance context. Parkour, also known as free running, began in France in the 1980s. Practitioners aim to get from A to B in the most efficient way possible.

This is done by using the human body and the surroundings. The focus is maintaining as much momentum as possible whilst still remaining safe. Parkour can include: obstacle courses, running, climbing, sliding, swinging, crawling, jumping and rolling movement.

This term, the students explored how to bring Parkour to the dance studio, using the key actions performed as a starting point for movement. The girls used this term to really focus and develop their strength, stamina, flexibility and balance.

Ms Khan



Below are some quotes about the student's experiences:

"This term we enjoyed taking part in our Parkour themed dance lessons. We enjoyed learning and performing challenging routines, which helped us develop our physical, mental, expressive and technical skills. Towards the second half term we worked in groups and created still images that represented different famous landmarks around the world, which was really fun. WE all really enjoyed Dance this term!"

Ines, Olive, Jane, Jessie and Rosie

"Parkour involves flexibility and is a form of exercise that people usually do outside. However, we had to adapt this by using the dance studio. We did this by incorporating turns, leaps, jumps and rolls. We had to ensure we had good use of spatial awareness."

Taliyah, Esther and Hephzibah

"We found Parkour really challenging but we enjoyed how it was different to everything we have already done in Dance. We really liked learning a range of advanced jumps and floor work."

Isobel, Kourtney, Nia and Keona

"Our overall experience of Parkour was fun and energetic and we liked that we got to explore imagining we were dancing over, under and around obstacles."

Adaze, Fatimah, Alice, Emilia and Anita



Year 7 Dance Club

Hard working, enthusiastic, talented and fun, best describe the Year 7 Dance Club.

Throughout this challenging year, Year 7 students have been highly committed to developing their dance skills by attending the extra-curricular Dance Club.

They have been working on a performance piece which involved detailed isolations, duet work and of course musicality. I have thoroughly enjoyed working with this group and they should be proud of the progress they have made this year.

Mrs Barber



Year 8 Jazz Dance

This term Year 8 have been developing their Dance skills by exploring the genre of Jazz Dance.

The students have followed the formal structure of a technique class which has consisted of; isolations, plies, pirouettes, traveling sequences including kicks and finally working on a routine. From working hard this term the students have made progress with

their coordination, flexibility, stamina, accuracy, speed and movement memory.

Although Jazz is very technical and has many similarities to the foundations of ballet, it has been great to see students expressing their personality and embodying the style, mood and dynamic of the music in their movements. Well done!

Student Quotes

I've enjoyed how unpredictable and energetic Jazz Dance is because there's almost never a still moment and you're always on your feet, ready to move.

Anniyah

When doing dance I have become more confident in performing and expressing myself. **Ayesha**

I've enjoyed how much variety of dance we have done. I can tell in what I do during the lesson that my dance has improved a lot. Every dance lesson is fun and upbeat. I have enjoyed every second of Year 8 Dance with Mrs Barber. **Abriel**

I have really enjoyed the speed and the style in Jazz Dance because it is very stylish, quick and snappy. **Harinika**



This is what we have been up to in Dance this term ... *continued*

Year 9 Bronze Arts Award

Through dance this year all Year 9 students have achieved their Bronze Arts Award. At this level the award is divided into four parts and consists of developing skills as a dancer, expanding their knowledge and understanding of practitioners and the performing arts industry as well as evolving their leadership style. Students complete this award by taking part in a variety of practical dance activities which is then analysed and reflected on as part of their Arts Award book.



Quote from students:

"It was really fun and enjoyable and we learned lots of new skills. It was a great experience to take on the role of leadership and to create our own choreographed motif. We valued that we had the opportunity to work independently in groups, which further developed our confidence and ability to work as a team.

Live dance, love dance. Dance!"

Abia and Feran, Year 9L



Year 10 GCSE

This term in GCSE Dance the girls have been working very hard on their Trio Performance. These performance pieces are around two and a half minutes in length and have been choreographed by both Ms Khan and the students. The stimulus of the piece is female empowerment and the struggles that women experience and have overcome.



Here are some comments from the students below:

"Before we started any choreography we discussed what topics and messages we wanted to convey in the dance. Once decided we found some interesting music that we could perform to which included some interesting spoken word from Michelle Obama. Jaeda in our class edited three different tracks and the spoken word to create a really interesting piece of music! As a student I really enjoyed working with my friends and choreographing alongside them."

10 GCSE Dancers

SATRO Problem Solving Competition

Three teams – two from Key Stage 3 and one from Key Stage 5 - took part in the SATRO Problem Solving Challenge last week. This year the competition was carried out within individual competing schools due to Covid restrictions, with the organisers comparing the results at a later date.

Each team had to construct a device using simple materials to solve an engineering problem, under strict timed conditions. The students worked well under pressure, planning their structures well and showing excellent teamwork. They gained many skills and insights, and comments included:

'I would say that it's important to not think of your task so literally and when in doubt, improvise' **Hollie P**

'The competition taught me lot about creativity and seeing the project from different perspectives to build the best device possible. Moreover, I learnt about thinking on my feet, trying to get the most amount of points by really analysing the requirements list. The competition though stressful was great fun and I learnt lots of skills that I will utilise in the future.' **Nancy O**

'I learnt that working under time can really mess with my mind - however I realised I should work smarter and not harder. This thought was really beneficial because although having a bigger card on the model would have got us more points, we made the card smaller so that the rest of the task would successfully work, and it did as the propeller raised the flag up. Overall, it was a fun experience as we got to develop our creative skills.' **Aswini S**

'Doing things the 'orthodox' way is not always the best way. Our team had to try different things and approach tasks differently to the way we thought we would, to get better results. I also learnt great team working skills as our group had to work together to unite lots of different objects into one.' **Zara M**

We wish all the teams good luck as the organisers collate the results in what was the first ever virtual competition.



Prep Competition: Design an Old Palace Family Character

It was exciting to see so many wonderful entries to help us expand the Old Palace Family characters.

As you can see, a number of the original drawings have been digitally updated to bring them to life. We were impressed by Safiya, Avani and Mahima for their use of digital software and Lola-Marie and Jessica S for their lovely drawings. Special mention goes to Kiara in Reception and Nikita in 5J for their drawings with such character and life. We hope you enjoy seeing the inspiration and end results created by the Old Palace Senior Art Department.



Mrs Broad



Kiara



Lola-Marie



Safiya



Jessica



Avani



Nikita



Double Winners

Double congratulations to Bethany and Tahalia in Year 9 who won the JPL Cup with their Crystal Palace Football Team.

Having won the league a few weeks ago, this now makes them double winners!



Festival of Science and Imagination



We are encouraging our students to take part in the Literacy for Learning Secondary School Festival of Science and Imagination.

It runs from the **12-16 July** and there's a fantastic programme of online events.

See the timetable here:

www.oldpalace.croydon.sch.uk/festival-of-science-and-imagination/

LITERACY FOR LEARNING SECONDARY SCHOOL FESTIVAL OF SCIENCE AND IMAGINATION PROGRAMME OF ONLINE EVENTS 12-16 JULY 2021			
Monday 12 July	Tuesday 13 July	Wednesday 14 July	Thursday 15 July
<p>9.10-9.40</p> <p>My science story: Live interactive workshop with Melissa Lee from B&L Soap.</p> <p>View event</p>	<p>9.10-9.40</p> <p>My science story: Live interactive workshop with Dr. Barbara Brockway— forensic cosmetic scientist.</p> <p>View event</p>	<p>9.10-9.40</p> <p>Science writer event Sophan Fikreghere, accompanied by her assistant Teddy the Labrador, on 'Making science research accessible'.</p> <p>View event</p>	<p>9.10-9.40</p> <p>My science story: Live interactive workshop on the chemistry of DNA with Dr. Lisa Muller.</p> <p>View event</p>

Year 1: Carnival Workshop

Year 1 enjoyed a fabulous Carnival workshop from Flagz Mas Band. We learnt about the history and cultural importance of the Notting Hill Carnival. We created a dance routine and danced to some Soca music. It was so much fun! We even got to try on the beautiful headdress and collar that Flagz Mas Band wear at carnival.



Blue Peter Climate Heroes



Exciting news! The Year 5 Old Palace Green Team have received their Green (eco) Blue Peter badges for their work.



Year 9 Croydon Athletics



The Year 9's went to Croydon Athletics on Monday morning 28th June. The Year 9s thoroughly enjoyed the day and they competed well.

Rosemary won a Bronze medal in the 1500m. Rebecca came 3rd in the Shot Put and Grace won a Bronze medal in the discus. Well done everyone!

Year 7 & 8: OPA Associate Alumnae Afternoon

After a very long wait (the original event was postponed from March 2020!) we were delighted to be able to hold the OPA Associate Alumnae Afternoon last Friday. The Medieval Garden provided a safe, outside space for Year 7 followed by Year 8 to hear wonderful stories from members of our Old Palace community about their time at school.

Our thanks go to Katherine Homatas (Chair of the OPA), Hilary Gadd, Maureen Bunn (ex Chair of the OPA) and our very own Dr Tanya Knowles, who had to repeat their stories four times to ensure the year groups stayed in their Covid-safe bubbles.

After each session, the students were delighted to receive an Associate Alumnae badge, a drink and a muffin.



Senior School: Swimming Mural



During this half term I have had the pleasure of working with Art Technician Miss Dawson on a mural advertising and showing the way to our wonderful swimming pool.

A big blank wall at the bottom of the Year 6 stairs in the Jubilee building has now been transformed into a beautiful bright wall mural of four swimmers, one from each House, diving into water.

It was a labour of love with us working at 'low traffic' times to avoid having to move dustsheets and paint pots. Miss Dawson had sketched a swimmer on A4 paper, checking with me to make sure it was technically correct. (Students will know how fanatical I am about streamlining!) We then projected the image onto paper taped to the wall in Art Studio 1, traced around the image onto the paper and then repeated a further three times, having to do some calculations to reduce the sizes to achieve the correct distance perspective.

Once all four swimmers were tweaked to the correct size, we started drawing them onto the newly prepared and painted wall downstairs. (Thank you to the Caretakers for the fresh coat of background paint). Then, with the paint colours mixed, the fun painting could begin!

We decided to give the swimmers

different styled costumes and House coloured swimming hats. We also added a watery directional arrow so everyone will definitely know the way to the best location in the school!

Of course, I am just a little biased!!

Mrs Tamplin





Feeding Britain's Future - Meet the real food heroes!

The Institute of Grocery Distribution's virtual work experience programme in May provided Year 9 with an insight into the diverse range of opportunities this industry has to offer and helped students develop the skills they will need through live interactive workshops.

On Monday, after an introduction to the week, students heard from industry leaders about future trends, skills and opportunities. They learnt through interactive activities and took part in a masterclass in communication and presentation skills.

On Tuesday, Wednesday and Thursday, students had the chance to interact with industry professionals to learn about their jobs, career journeys and the skills they use at work in Sales & Marketing, Engineering and IT & Digital. Each day, a

different project brief was presented so students could gain an insight and advice on how to create a winning project in either Health, Sustainability or TecÚology.

On Friday they attended an Employability skills masterclass to develop the skills needed to perform in a virtual application process and at interview. They took part in a Q&A with Human Resources and early career experts. The focus was on CVs, employability skills and interview tecÚiques along with speaking to industry experts to get an overview from the whole workforce.



Here is a summary of two of the project entries, one including feedback from Industry Professionals.

Sustainability

Pitch an idea for a reusable packaging solution for a well-known product



My design idea for the Engineering Competition was a cardboard box with individual sections for each strawberry, similar to the carton egg packages we have now.

The main reason for this was that the individual strawberries would stay fresh for longer as there would be limited movement so less squashing and bruising compared to current packages where the strawberries are all together and move freely.

Although my idea was not short-listed in the final, I still enjoyed entering the competition and sharing my ideas and thoughts.

I was pleased to receive an encouraging email from the Company and a certificate for participating.

Isabel, Year 9S

Feedback

This was an outstanding pitch. You have worked extremely hard to do so much work within a short time frame, which shows great commitment and dedication. We were so impressed by the thought you have put into researching your idea, developing your idea and the energy and enthusiasm of your pitch. Well done!

Health

Pitch an idea and marketing campaign for a new plant-based snack

The UK plant-based market is emerging now, more than ever. Within the next five years, it is estimated that the market value of £3 billion will almost double, to be worth around £5.8 billion. That is why it is important to give "Power to the Plants" and cater to our ever-growing demographic of millennials and young adults.

REVEALING... THE NEW SAVOURY PLANTASTIC SNACK



A nut and gluten-free sweet chilli flavoured trail mix, high in protein, and packaged in an all paper, resealable bag.

Containing flax seeds, chia seeds, sunflower seeds and pumpkin seeds, coconut, hemp seeds and goji berries and crispy corn nuts.

Adjoa, Year 9A

Year 2: Coombe Woods Nature Walk

On Thursday morning, Year 2 were very excited to be setting off on a visit to Coombe Woods and Gardens to learn about the local wild life.

We spotted colourful wild flowers such as dog roses, daisies and poppies. We also identified plants that should not be touched, including foxgloves and nettles. On our walk around the pond we saw dancing dragonflies and butterflies. After our fruit snack, we were able to sketch our favourite plants as well as collect fallen leaves, petals and other interesting finds in our paper bags. We had a fantastic time on our nature walk.



Science in Year 7

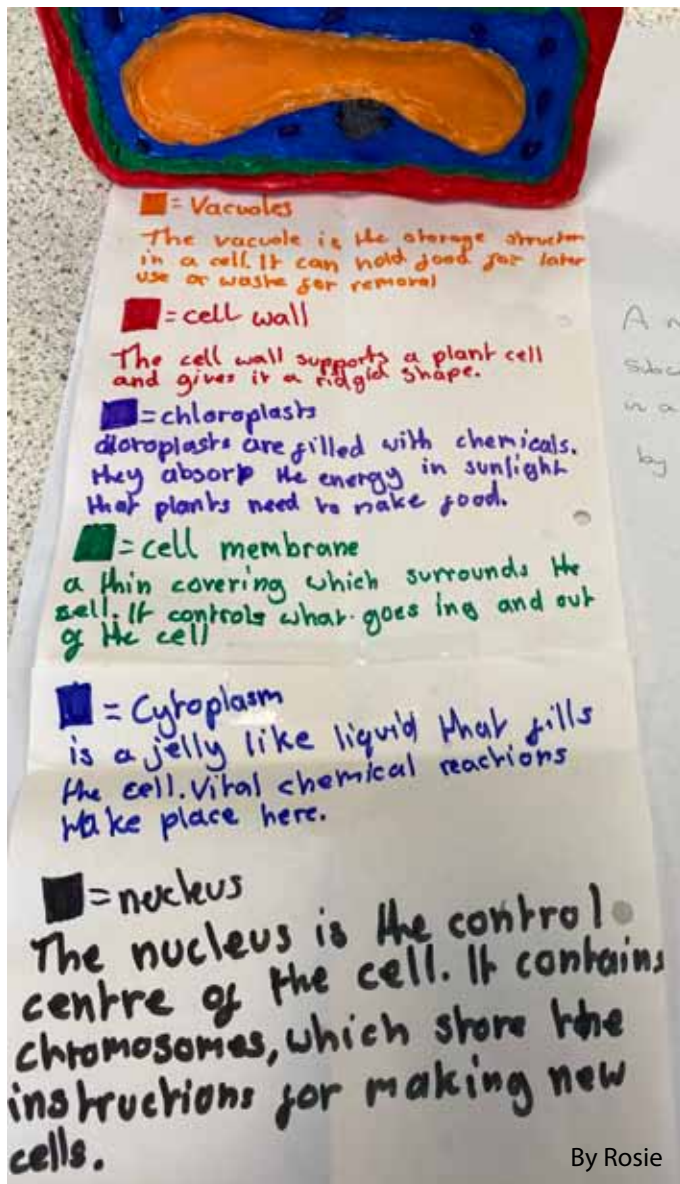
As a current student in Year 7, I am really happy to tell you about the amazing things you will get to do in science! I must admit 2020 made school life a little harder than it normally would have been, though in the end we still did get the chance to do some cool experiments.

Topics we have covered so far include Forces and Speed, Reproduction, Energy and Fuels, Particles and Reactions, Electricity, All Living Things and Working in a Laboratory.

As a person who is more into the physics kind of science, my favourite topics have been Forces and Speed and Energy and fuels. I am sure there will be something that you enjoy learning about as well. Some practical things you will get to do include learning how to use a Bunsen burner, looking at speed using a trundle wheel, learning how to use and study things with a microscope, and using universal indicator to test for acids and alkalis.

Science, I can assure you, is the one subject you will never get bored in. You can take my word. Admittedly, I did not think science at Old Palace would be so fun.

Adaeze



This Year in Science

This year the Science department have had to think outside the box due to the pandemic.



We began the year with the topic of Forces and Speed. We looked at the different types of forces and how to calculate speed. We did a few practical tasks but this was limited due to government guidance.

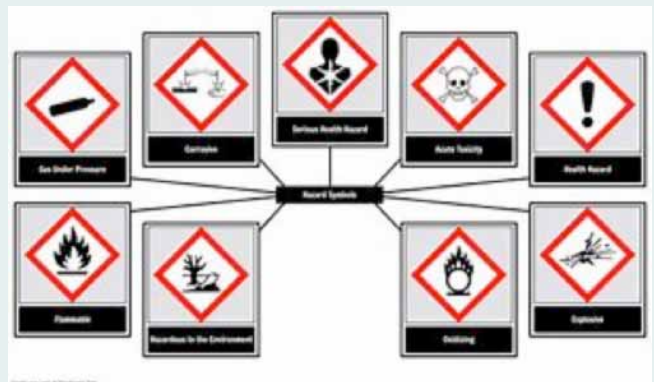
We then went on to study Reproduction, learning about fertilisation, twins and reproduction in other living things.



During the period of remote learning we completed the topics of Particles and Reactions and Electricity in lessons delivered by Teams. The first topic included the states of matter, changes of state and some chemical reactions and in the second we looked at different kinds of circuits and resistance, measured in Ohms.

We learnt about different types of energy and how energy is transferred. Some energy is wasted and we used energy input and useful energy output to calculate efficiency.

In the topic of All Living things we looked at plant and animal cells (and their features), specialised cells, organs and tissues, the skeleton and antagonistic muscles. Together this gives us the levels of organisation of a living organism.



The final topic we studied was Working in a Laboratory. During this we learnt about safety symbols, how to use a Bunsen burner and how to test acids and alkalis using universal indicator. We also found out how to plan and perform a scientific investigation.

My favourite topics were All Living Things and Working in a Laboratory because we were able to complete many more practical tasks. Overall I have thoroughly enjoyed Science this year and cannot wait for next year!

Jessie

Science This Year

An acrostic poem by Jana

Science this year has been full of new and interesting facts to learn such as:

Circuits. A series circuit is one in which every component is arranged in a series connection.

In parallel circuits, electrical components are connected alongside one another, forming extra loops.

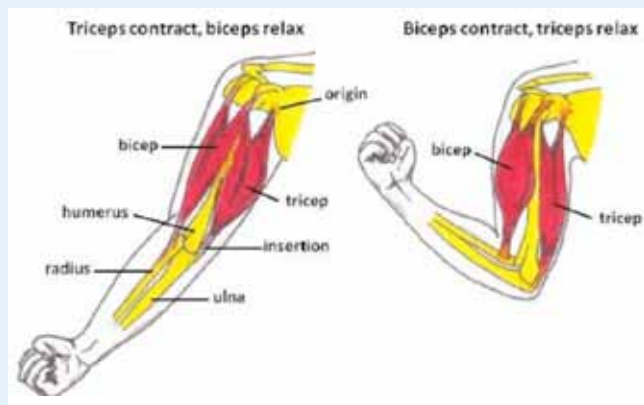
Embryo. After fertilisation, the zygote divides repeatedly to form a ball of cells called an embryo.

Nucleus. The nucleus is the control centre of the cell.

Coal. Coal is one of the main fossil fuels. Fossil fuels are not renewable.

Energy. Energy is the ability to do things. Without energy, nothing can happen.

Triceps. Triceps and biceps are examples of antagonistic muscles. They work as a pair.



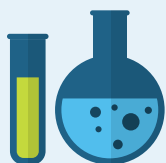
Hormones. Hormones are chemicals released by glands.

Intestine. The small intestine is one of the main organs for the digestive system.

Skeletal System. The skeletal system consists of many bones and muscles.

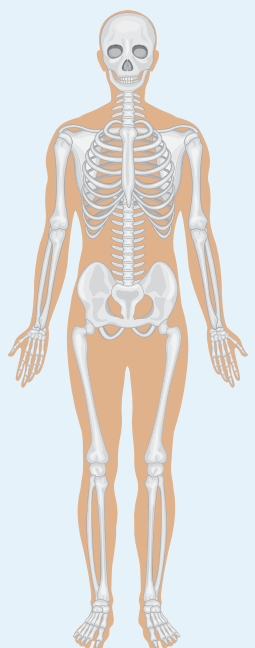
Young. In internal fertilisation, the young develop inside their mother's body.

Efficiency. Efficiency = useful output energy divided by total input energy times 100.



Acids. Acids, such as hydrochloric acid, always contain hydrogen.

Resistance. Resistance is the measure of how difficult it is for the charge to flow.



Skeletal System

Models of Cells by Ines



Palisade Cell and Ciliated epithelium

Practical Science Experiments in Year 7

During Year 7 we have complete many practical experiments in science, around the themes of cells, acid and alkalis and working in a laboratory.

Through these experiments we learnt how to use a Bunsen burner safely, how to work a microscope and how to use science apparatus such as conical flasks and test tubes. It was so much fun to do practical science experiments because we got the chance to see science happening in front of our eyes! It was also very helpful to work inside the laboratory and learn about all the equipment and safety procedures.

My favourite experiment was looking through the microscope and seeing how the cells really look like close up and identifying the different parts of the cells. Focusing the lens was very tricky but once we worked it out it was amazing to see all the detail of the leaf cell.

Isobel 7A



A model to show how elastic potential energy can be used to produce kinetic energy.

Taliyah

A letter from Mrs Nike



Dear all,

As we approach the end of a very unusual year full of many trials and challenges, I feel full of joy as I look through this final bulletin of the year. I am struck by the sheer determination the girls have displayed. Nothing seems to have deterred them from continuing to explore new things and achieving their best.

The inquisitive look on the girls faces in Year 2 as they made scented bags with natural materials was a sight to behold. The bag you made for me is safely in my desk drawer and the fragrance is filling my office - thank you!

The Year 3-5 Sports Day was a huge success. Well done to everyone who took part. Much fun was had by all.

The Pre School had a lovely time swimming this week. They told me all about it with great enthusiasm. We are really looking forward to September when Pre School will be visiting the pool on a weekly basis.

What fabulous headdresses Year 1 created! The Rio topic has been a huge success and the girls had a wonderful time performing the dances together.

Year 2 went on a local trip this week. Everyone was very excited as it was the first outing we have been on for quite some time. The sun was out and there was much to see. The flowers were in full bloom and the woodland felt magical.

I had the privilege of judging the Year 5 science experiment this week. The quality of the designs was exceptional. Well done!

I hope you have a wonderful summer. See you in September ready for an exciting year.

Mrs Nike
Head of Preparatory

Reception: Africa

In Reception, we have had so much fun learning about Africa during this half term. This week, we listened to the Kenyan story, *Mama Panya's Pancakes*.

We chose our favourite pancake fillings and used phonics to write a shopping list for Miss Wilks. Later, we had a go at flipping the pancakes in a frying pan; then we chose three fillings, making sure to include at least one type of fruit.

At the end of the day, we set the table and enjoyed our pancakes together as a class. We loved this activity!



Prep: Times Tables Certificates

Well done to Keyala and Moriah who have passed Superman and Tamalia who has defeated Wonder Woman in the last of the Times Tables tests!



Prep School Values: Independence Badges

The last value of this academic year has been independence. The girls have been showing us all sorts of ways in which they are developing this value right from Pre School all the way up to Year 5, preparing themselves for Year 6 class at Prep, and the independence that they will have.

As a school, we have been discussing what it means to be independent. It can be summed up as being able “to think for yourself and do things by yourself”. For example, being able to pack your school bag in preparation for the day, being able to try something independently before asking for help. All these seemingly small steps mean that the girls are preparing themselves towards being more independent.

Independence is a fundamental value as it boosts confidence, reduces over-reliance on others, promotes happiness, increases our sense of accomplishment and promotes better decision-making.

Pre School	Drew, Eliana, Esma, Jai, Venba
Reception	Katherine and Selena
Year 1	Rhiannon, Elena, Anika B, Eleanor, Isabella, Libby
Year 2	Aadya, Safah
Year 3	Sophia K, Lottie, Mya
Year 4	Aaliya, Tamalia
Year 5	Daisy, Aashita, Alisha, Aditi, Nikita



Pre School: Sophia (Curiosity), Eliza (Curiosity), Esma (Independence), Jai (Independence) and Myra (Kindness)



Reception: Katherine (Curiosity) and Selena (Independence)



Year 1: Anika (Kindness), Saanvi (Kindness), Zeeyana (Kindness), Rhiannon (Independence), Elena (Independence), Anika (Independence), Eleanor (Independence), Isabella (Independence) and Libby (Independence)



Year 2: Aadya (Independence) and Safah (Independence)



Year 3: Safa (Kindness), Sofia (Curiosity), Anokhi (Curiosity), Sophia (Independence), Lottie (Independence) and Mya (Independence)

Prep School Values: Independence Badges *continued*



Year 4: Grace (Kindness), Michaela M (Kindness), Fatima (Bravery), Imani (Bravery), Alex (Bravery), Keona (Bravery), Avika (Honesty), Moriah (Curiosity), Annabelle (Curiosity), Caroline (Curiosity), Amelia (Curiosity) and Ava-Blu (Curiosity)



Year 5: Akshi (Curiosity), Lydia (Curiosity), Rachelle (Curiosity), Advika (Curiosity), Amanah (Curiosity), Lola (Curiosity), Grace (Curiosity), Aashita (Independence), Alisha (Independence), Aditi (Independence) and Nikita (Independence)

Alongside the independence badge, we are still looking at all the other values and for those girls who demonstrated these values, we would like to present them with the following badges:

Year	Kindness	Bravery	Honesty	Curiosity
Pre School	Isabella Ishaani Leo Myra	Amelia		Dhruv Eliza Imani Marley Sophia
Reception				Katherine
Year 1	Anika N Saanvi Zeeyana			
Year 3	Safa			Sofia S Anokhi
Year 4	Grace Michaela M	Fatima Imani Alex Keona	Avika	Moriah Annabelle Caroline Amelia Ava-Blu
Year 5				Akshi Lydia Rachelle Advika Amanah Lola Grace

Year 3: Sport's Day Haiku Poems

Ready, steady, go!
I was skipping silently,
Beanbags were flung far!
AasÚa

Sport's Day is the best!
I'm a skipping champion.
We did jumping jacks.
Mya

Throw with all my might,
Running quickly to the end.
Balance eggs on spoons.
Sofia

An afternoon breeze,
Sprinting down the racetrack,
Enjoying myself!
Aanya

Making good progress,
Focusing on hitting a ball,
Our team gets the win!
Sophia

Take your places please!
Leaping high into the sky,
Children running fast!
Arya

Running for the win,
Breathing, panting for water,
Come on everyone!
Elissia

It is exhausting!
We have lollies at the end!
Children have medals!
Lottie

GCSE Geography Trip to Dorset



Last weekend, Year 10 Geographers had the good fortune to visit Dorset for our coastal fieldwork. The excitement of actually 'going somewhere' almost made up for the early start on Sunday morning, and we were on the beach by lunchtime.

We were investigating the effectiveness of coastal management in Swanage Bay. This involved carrying out a range of beach measurements to ascertain whether the groynes in place were protecting this lovely coastal town from erosion. Following this we walked to Old Harry to see the sea stacks first hand and appreciate the power of the sea in shaping the coastline. We were even blessed with a sunny day!

On Monday, having completed our classroom analysis, we visited a slightly damp Lulworth Cove to see more of the magnificent Jurassic Coast, before returning to school.

It was a really fun trip, and we felt almost 'normal' again on a mini-adventure. Thank you Geography.



Year 2 Innovate Task - The Scented Garden

Using what we know about the amazing smells of flowers and herbs, we made gift bags with gorgeous fragrances. The girls first explored the scents of the Rosemary, Lavender, Lemon Grass and other scented plants and then experimented with combining different fragrances and oils with a pestle and mortar.

Nia shared her knowledge of fragrances by explaining that a bit like musical notes, perfumes have top notes, middle notes and base notes. We all agreed that the classroom had never smelt so good!



Year 7 Choir

Music rehearsals have continued for all year groups this year despite difficulties in being able to perform publicly!

There has been a choir and instrumental group for every year group bubble, which has kept the music department on their toes – and the girls have worked very hard and had a lot of fun making some fantastic music. We recorded the Year 7 choir singing *When I Grow Up* from the musical *Matilda* last week so that they will have a memory of some of the fantastic work they've done this year.

The video is available to view on the Old Palace youtube channel with a link here:

<https://www.youtube.com/watch?v=nKuXfipBVdA>



Year 11: Work Related Learning Programme



We are very grateful for the excellent support received from over 25 speakers in our third Future Year 12 work-related learning programme. Six of these also offered to participate with four others in our mock job interview event, so we were able to offer 60 mock interviews, with students becoming more confident over the morning.

To develop their employability skills a number of students participated in building personal skills, networking, interview preparation and making the most of a virtual work experience.

We had a vast array of career and industry insights into Investment Banking and Management,

Economics, Finance Management, Energy Engineering, Environment, Music, journalism, Engineering TecÚology, Assurance, Manufacturing, BiotecÚology, Medicine, Clinical Research, Law, Civil Engineering, Risk Management, Software Engineering, Medicine regulations and policy, Engineering Geologist, Built Environment, Advertising, Marketing and Public Relations.

We were also joined internationally by the Director of Science Communication at NASA, live from Los Angeles, who gave an inspiring talk on the current missions into space.

Attendees' comments:

'Speakers were clear and answered questions well'

'I liked that the sessions were very detailed'

'The speakers definitely provided a lot of

information about what they did, which I found helpful'

'I liked how they decided what career they wanted to do'

'Questions at the end about their proudest moment, the challenging part of their job and what they would tell their 16 year old self'

I found the careers related talks and interviews really helpful and quite insightful'

'Doing the mock interviews has been a really good experience, inspiring me to think more about university and jobs'

Comments from the interviewers/ speakers:

'Very well organised virtual event'

'It was really a joy to listen to all the girls share their vision for future'

Year 6: Latch-hook Rugmaking



When we did latch-hook rugmaking, I was amazed at how fun it was; not only was it relaxing but also a new hobby for me. The moment I had finished my one for class, I got my dad to take me to Hobby Craft to get wool and asked my mum to get the tools I needed so I could make more of them.

I decided to make a second rug of the Old Palace School crest. I am very proud of it, and I have given it to The Prep School as a leaving gift. I can't wait to make more, and I hope this will inspire students, teachers, and parents to try this too or just try something new and perhaps find a new hobby.

Lina, Year 6

Lockdown Library stats:

Over the last year reading at Old Palace has read:

- Over 1,000 ebooks and audiobooks have been borrowed from our ePlatform
- 7,000 fiction books have been borrowed from our school libraries



Year 6 & 7 House Reading Challenge 2021 plus Million Word Readers Competition

Year 6 & 7 students have taken part in the Accelerated Reader scheme this year and we combined this into our House Reading Challenge competition.

For every book read and AR quizzed, word counts were calculated. Students were challenged to see who could read over a million word, with those doing so receiving certificates. In addition, the top three students reading the most words would each receive a £20.00 book voucher.

Congratulations to the 15 Year 6 & 7 students who read over a million words this year, including five students who were multi-millionaire readers.

Top three readers winning £20.00 book vouchers were Year 7 students Ella, Fatimah & Olive who read a combined total of 157 books and over 9 million words!

Congratulations to 7A on being crowned House Reading Champions 2021, with their form reading over 15 million words! Their form is now engraved on the House Reading Challenge Shield.

Harry Potter Book 'Lunch': Muggle Mastermind

Harry Potter Book Night ran differently this year. Taking place over a week of lunch time year group bubble slots, year groups were pitted against other year groups to see who could win 'Muggle Mastermind'. A two minute general Harry Potter Book Knowledge round was followed by a one minute specialist knowledge round on this year's theme: Diagon Alley.



Congratulations to Year 8 student's Emily and Fatima who came in as winners, closely followed by Year 12's Kate and Jessica followed by Year 7 Nia jointly with Year 6's Tia, Anaaya, Avani, Catherine, Anja and Summer .

Keep reading this summer....

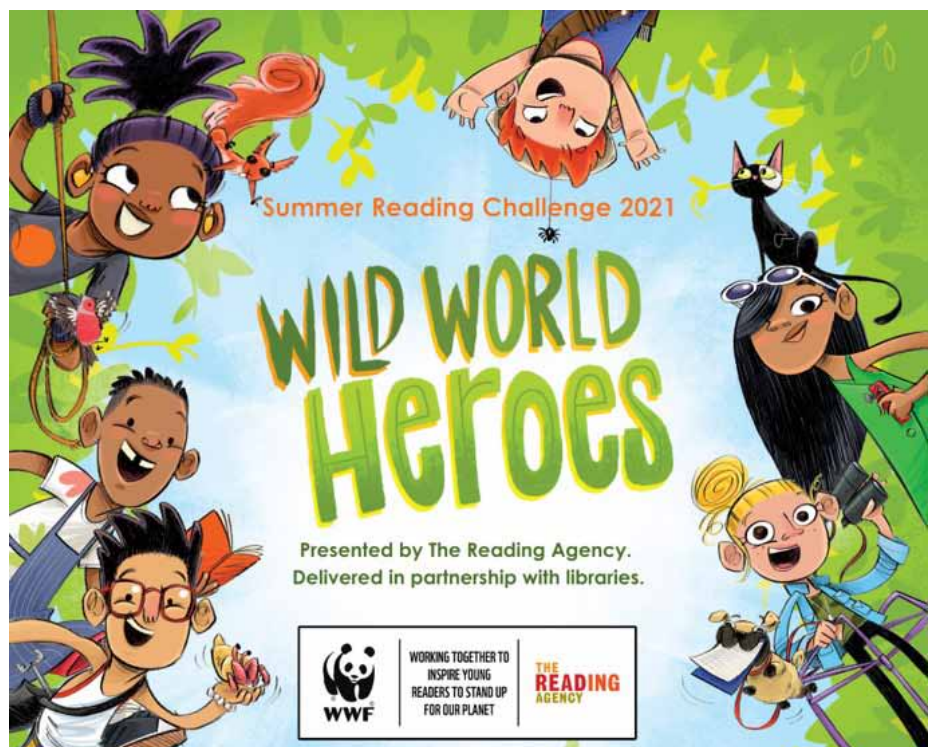
Summer Reading Challenge 2021 #SummerReadingForAll

Old Palace's ePlatform is available throughout the summer to borrow ebooks and audiobook from.

Take part in one of the many Summer Reading Challenges or #BookTok challenges while you read. The #SummerReadingChallenge for ages 4-11 is available to take part in through your local public library.

Details on how to join here: <https://summerreadingchallenge.org.uk/>

For staff, take part in the #TeachersReadingChallenge <https://teachersreadingchallenge.org.uk/>





It was amazing! First of all we had to cut our shapes in the clay, this bit was hard, thus we got help. Then it was the fun part, we had to use the method of score slip and stick to attach our applied design to the vase. The sound of the slip squelching when you apply gentle pressure to the two bits of clay was satisfying. Then you had to apply some detail bits of design to the vase so I did branches with flowers, it looked so beautiful.

After that, we had to incise some designs into the clay, I drew flowers onto the branches, and other people did leaves, bird, and other things according to their designs. Then you had to glaze the vase using slip glazes followed by bisque fire. The last thing, it was dipped in clear glaze before the final fire. This was the best project ever!

Shankavi, Year 6J



We had an amazing project with Ms Evangeli. We created vases and learnt many skills in this project. We first made our six paper designs and chose our best one. We then cut out our clay into our vase shape and stuck them together using the SSS technique (score, slip and stick) and apply gentle pressure. Then we painted glazes to our vases.

My vase consists of 3D vines and leaves that I carved into the clay (using Scrafitto) and I have a lovely light blue background. We then gave our vases to Miss Dawson and to Ms. Evangeli; they then put them in the Kiln and put a shiny glaze on.

Maya, Year 6J

Year 5: Science Experiment

This year in Design and Technology, the Year 5 girls designed a motorised locomotive for the Primary Engineer Hitachi Rail project. The girls worked in pairs to design and make a 'body' section for their vehicle. This had to fit the motorised chassis and remain stable during movement. The girls also had to take into consideration the weight of any materials that they used so that it did not become too heavy.

In previous years the project has led to a celebration event held in London. Due to Covid restrictions this could not take place, so we held our own event in the gym.

Mrs Nike joined us and interviewed the teams to find out about their design ideas and the materials they used. She then carefully scored them to find a winning team for the best design.

The girls also had to put their designs through two different tests. One was to carry out a test to see if their vehicle would stay on a straight line over a set distance. The other was a timed test to see how quickly their vehicle could pull a wagon over a three metre distance with up to three blocks of wood to add weight. It was an exciting afternoon and the girls showed their support for each other throughout. The scores for both tests were added together to find a winning team.

The winners of the trials were Lydia and Riya with their hot air balloon and the winners of best design were Imaan and Advika with their snake. Mrs Wallis presented the girls with their prizes. All the designs were unique and it was a fantastic afternoon to end the project.



Maths Puzzle Fun page 5 Answer

Square the units digit and add to the tens digit to give 9

16 gives $6^2+1=36+1=37$

37 gives $7^2+3=49+3=52$

52 gives $2^2+5=4+5=9$

Palace Playtime



FREE weekly
Stay & Play sessions
for children aged
3 months+

Term-time **Tuesdays:**
9:30-11am

Located in our school hall
at Melville Avenue

Refreshments will be available
for children and parents and
there will be a variety of play
opportunities and crafts on
offer.



14th September onwards

Years 6 and 8: Knitting Clubs

Here are some photos of the animals from the Year 6 and Year 8 knitting clubs. There are dogs, foxes, owls and elephants. We think the students should be very proud of their finished work.

