



AROUND THE PALACE

Pre School - Year 2 Sports Afternoon



We were delighted that the rain held off long enough for us to hold the Pre School - Year 2 Sports Afternoon. Anselm may have been the winning House but in our eyes all the girls were winners, thanks to their fantastic sporting attitude. Well done everyone!

Dear all,

Building on the current excitement of Euro 2020 and the anticipation of the Tokyo Olympics, it has been fantastic to see us hold sports events for all students across the school.

At these events, we have witnessed great sporting talent alongside an incredible enthusiasm for being involved, whatever your ability level and supporting others.

It has been really uplifting to see this, so well done to all those students who took part.

Unfortunately, due to the current restrictions, we were unable to include parents this year but look forward to doing so in 2022.

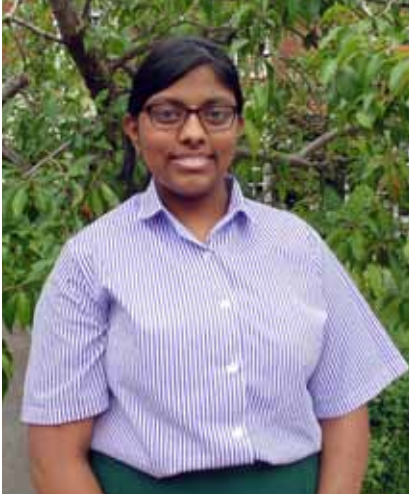
Wishing you a great weekend.

Jane Burton, Head

Biology Challenge



Congratulations to all of the Year 10 pupils who took part last month in the UK Biology Challenge, a national competition run by the Royal Society of Biology.



Harnitha achieved a Gold Award and was in the top 5% of over 26,000 students from 348 schools worldwide.

Harnitha said of the experience: *'The questions in the Biology Challenge were a bit of a challenge (mind the pun) but they were not impossible. It was fun to try and figure out what the answer was. It was easy enough that you didn't really have to revise for it. To be honest it was a surprise that I made to the top 5%, I wasn't expecting that.'*

Virtual Open Evening Live Q&A

Seniors 11+

Monday
28 June
5.30-6.30pm

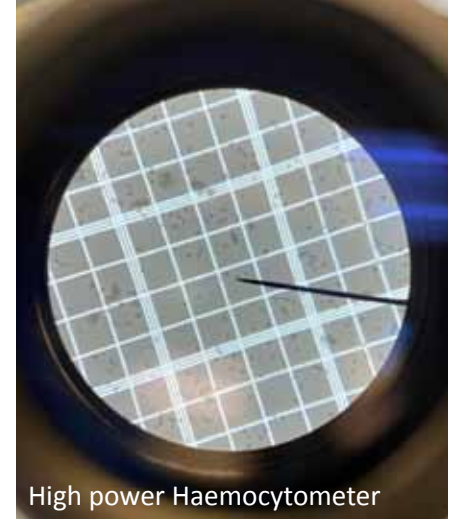
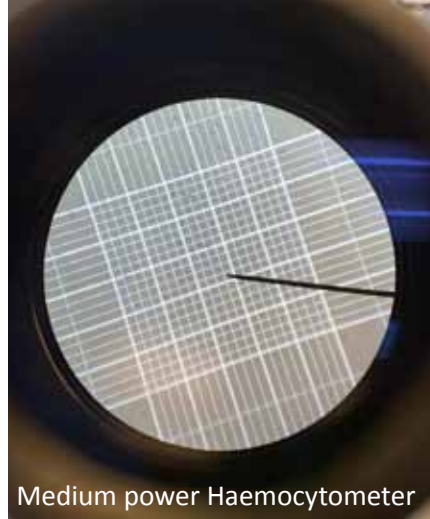
www.oldpalace.croydon.sch.uk/admissions/open-days

Year 13 Transition to University Sessions

The Biology Department were delighted to welcome back Year 13 students to do practical skills last week.

Students learned how to use a Haemocytometer, a counting-chamber device originally designed and usually used for counting blood cells. They used it to estimate the number of yeast cells in the suspension that they had been given. Thank you to Zainab for her pictures taken down the microscope.

In the afternoon they practised their manual dexterity, pipetting very small volumes and setting up electrophoresis gels to separate DNA. These are both techniques that they might encounter at university.







Year 7 and 8 Sports Afternoon

What a fantastic afternoon of sport and fun house activities for Years 7 and 8 on Wednesday! Year groups had their own mini Sports Day within their own Year Group bubble and took part in formal athletics and fun house events.

Spirits were high! Lots of cheering for form group peers and some great performances in the athletics events. This section culminated in the relay events which are always good to watch!

Certificates and medals were handed out at the end. Well done to everyone who took part with such enthusiasm and a huge THANK YOU to all the teachers and helpers who made this happen! The overall winning house will be announced soon – which house will it be?!





Year 9 and 10 Sports Afternoon

The weather was remarkably kind to us again today for our Sports Afternoon involving Year 9 + 10 in separate activities around the Whitgift Sports Ground.

The combination of fun House events such as Welly Wanging and Water Races and the formal athletics events, allowed all students to be fully involved and have fun! This is so important in what has been a challenging year – so nice to see students smiling and enjoying themselves.

There were some great performance on the track and in the field events and, as ever, some very competitive relay events to finish each section of the afternoon. Well done to everyone – and to the staff and helpers who made it all possible!



Year 9 and 10 Sports Afternoon *continued*



Senior Sports Days Results

Year 7			
	First	Second	Third
100m	Amira	Sapphy	Ainesis
200m	Emma	Isobel	Leen
800m	Olivia	Ella	Belen
Standing Long Jump	Rhianna	Sapphy	Mariam
Discus	Harini	Isobel	Mahek
Ball Throw	Suruthi	Theresa	Ploy
Shot Put	Emilia	Amber	Anastasia

Year 8			
	First	Second	Third
100m	Anjola	Mariya	Harmony
200m	Neeha	Isabella	Madinah
800m	Grace	Mayowa	Arabella
Standing Long Jump	Grace	Mariya	Anjola
Discus	Safiya	Sahana	Sanjana
Ball Throw	Arabella	Mainmunah	Mahnoor
Shot Put	Mayowa	Abril	Eavie

Year 9			
	First	Second	Third
100m	Tahalia	Chisom	Faith
200m	Cecilia	Kyla	Feran
800m	Bethany	Cecily	Rosemary
Standing Long Jump	Faith	Anjali	Isabel
Discus	Grace	Dupe	Tahalia
Javelin	Bethany	Rosemary	Anja
Shot Put	Rebecca O	Zara	Rebecca C
Relay 1	Stafford	Laud	Anselm
Relay 2	Hatton	Anselm	Stafford

Year 10			
	First	Second	Third
100m	Mary	Zino	Jaeda
200m	Jessica	Deborah	Taranya
800m	Iona	Catherine	Mi Hye
Standing Long Jump	Jessica	Mary	Kei Kei
Discus	Hanitha	Leah	Whitney
Javelin	Ruby	Lily	Miali
Shot Put	Nissi	Knightly	Zaara
Relay 1	Hatton	Anselm	Laud
Relay 2	Laud	Stafford	Hatton

Overall House Winners will be announced towards the end of term! Who will it be?



This year Safer Internet Week is being delivered in conjunction with Google and Parent Zone, with Google's Be Internet Legend online safety scheme forming the basis of many of the activities. This new Google scheme is aimed particularly at younger students, with older students having activities based around the theme of the safety issues associated with online gaming (younger students will also be made aware of these).

Along with the massive increase in the use of the Internet due to lockdown (the UK's internet use has now doubled!), online gaming has increased also significantly, along with the risks associated with it.



In Year 6, students will undertake special learning activities based around Google's Be Internet Legend Scheme, as well as using Google's Interland online gaming environment. Students will be given a chance to be awarded a special Google trophy!

Similar to Year 6, Year 7 students in their Computer Science lessons will undertake special learning activities based around Google's Be Internet Legend Scheme, as well as using Google's Interland online environment. Students will also get the chance to be awarded a special Google trophy at the end of completing a series of e-safety learning tasks.

Years 8 and 9 students will have activities in their Computer Science lessons based on staying safe online, with the theme of online gaming as the focus.

Years 10 and 12 students have the opportunity to engage with a dedicated assembly and the various different themed activities/competitions being held during the week.

The Digital Leaders team will be involved in various different activities, including giving a whole school assembly, running themed competitions and delivering an e-safety learning activity to Prep, with an opportunity to win Google trophies.

The Computer Science Dept.



Safer Internet Week Design Competition

As you may know a newly designed £50 note has been launched celebrating the genius of master code breaker and computer legend Alan Turing.



Turing was one of the people who worked on the first computers. He created the theoretical Turing machine in 1936. The machine was imaginary, but it included the idea of a computer program. Turing was interested in artificial intelligence. He came up with the Turing test, to decide when a machine could be called "intelligent". A computer could be said to "think" if a human talking with it could not tell it was a machine.

During World War II, Turing worked with others to break German ciphers (secret messages). He worked for the Government Code and Cypher School (GC&CS) at Bletchley

Park, Britain's codebreaking centre that produced Ultra intelligence. Using cryptanalysis, he helped to break the codes of the Enigma machine. After that, he worked on other German codes. By breaking the codes Alan Turing played a huge role in the Allied victory in the war against Nazi Germany, possibly saving the lives of an estimated 2 million people by shortening World War II.

From 1945 to 1947, Turing worked on the design of the ACE (Automatic Computing Engine) at the National Physical Laboratory.

Turing was a homosexual man. At that time homosexual relationships were illegal. In 1952 Turing was convicted. Because he now had a criminal record he couldn't work for the government code breaking anymore. Turing ended his life a couple of years later at the age of 41 years. In May 2012, a bill was put before the House of Lords to grant Turing a pardon. In 2013, almost 60 years later, Turing received a Royal Pardon from Queen Elizabeth II. Today, the "Turing law" grants an automatic pardon to men who died before the law came into force.

In 1999, Time magazine named Turing as one of the 100 Most Important People of the 20th century



continued on next page

Safer Internet Week @ Old Palace 2021 *continued*

and stated, "The fact remains that everyone who taps at a keyboard, opening a spreadsheet or a word-processing program, is working on an incarnation of a Turing machine." Also a good deal of our online interactions are made safe by using encryption, whether we are logging on using encrypted passwords to our social media accounts, entering encrypted credit card details when we shop online, or sending encrypted messages on Whatsapp.

Turing's legacy has a direct effect on our online safety.

To help celebrate this and that Turing now features on the Bank of England's highest-value banknote, we are running a **Competition** for all Senior students to design a new bank note to help promote being safe online.

The design can be hand drawn or made on computer, ideally the design should feature both sides of the note and communicate clearly that it relates to online safety in some way. The design could also refer to Turing or not, it is up to you! It can be for any value of money.

Please submit your finished design to the Computer Science Department by **Friday 2nd July**.

The first prize is a £20 Amazon Voucher, and there is a second prize of a £10 Amazon Voucher,

The Computer Science Dept.

Maths Puzzle Fun

Pandigital numbers contain all the digits from 0 to 9 in any order.

Which single digit numbers, besides 1, are all 10-digit pandigital numbers divisible by?

Hint: use the divisibility rules to help you.

Answer on page 14

STAFFORD Wins House Prep Music Competition

Three years ago it was Anselm, last time it was Laud, Hatton won the Instrumental category but it's **Stafford** who have stolen the crown this year to win two of the three categories – Piano and Vocal – to become the Overall Winning House.



This is largely down to the amount of Stafford students that took part in the competition so well done, every entry has truly counted.

All entries received one House point, 'Highly Commended' received two House points and 'Finalists' received three House points each.

The individual winners are being judged this week by Pauline Stone and the results will be in next week's bulletin.

Music Competition House Points

House	Vocal	Piano	Instrumental	Total
 Anselm	22	17	7	46
 Hatton	9	15	21	45
 Laud	12	12	16	40
 Stafford	23	21	13	57



The winning Stafford Musicians with the Music Competition Cup

Year 1: Carnival Workshop

This week, Year 1 enjoyed a fabulous Carnival Workshop.

More photos to follow in next week's bulletin.



Pre School: Virtual Library Session with Cressida Cowell

On Wednesday morning, Pre School pupils thoroughly enjoyed a live zoom session with popular author and laureate Cressida Cowell.

<https://www.cressidacowell.co.uk/>



Year 2: Home Challenge - Make Your Own Perfume



Make your own perfume from natural ingredients and write instructions.

Charlotte really enjoyed her Home Challenge task of making perfume. She was very keen to see what it would smell like. She used pink and red rose petals from the garden plus rose plants and a few essential oils including lavender and jasmine (under supervision of course!). She decided to call her perfume 'Pinky Rose Jasmine'.



**Old Palace of
John Whitgift School**

Independent Girls' School

DOORS



The company will showcase work in the community and we need the strongest and most talented students to represent Old Palace!

To register sign up outside the Dance Studio NOW!

DANCE COMPANY AUDITION

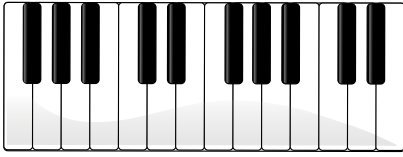
Year 6,7,8 TUESDAY 29/6
Year 9,10,11,12 THURSDAY 1/7
Timeslots on sign up sheet by the Dance Studio

**GOT TALENT?
PASSIONATE ABOUT
PERFORMING?**

OPEN TO ALL YEARS

Congratulations Alice

Congratulations to Alice, who has received a Distinction for her Grade 1 ABRSM Piano Exam. She has worked super hard and is very proud of her result!



Maths Puzzle Fun page 11 Answer

They are all divisible by 3 and 9 since they total 45 which is a multiple of 9.

Last week's winner was **Zainab** in Year 7.

Nuwayah: Sea Cadets



Here is a photograph of Nuwayah taking part in some weekend sailing activities, as part of Sea Cadets. This is something Nuwayah really enjoys doing. She also takes part in canoeing and kayaking – part of her preparation for some upcoming competitions.

Grade 5 Ballet Exam



On Tuesday the 8th of June, my four friends and I travelled to the Royal Academy of Dance, in Battersea, to do our Grade Five ballet exam.

We have done around two years of Grade Five classes. Our dance school does a show every two years, so six months of classes were dedicated to that. Then, we had, altogether, around a year on Zoom. Therefore, we only had about six months in our dance studio. It was tough but we made it! I can't wait to get my result in August, so fingers crossed!

Natalie, Year 8

Classics Department Word of the Week 21/06/21

ATHLETICS

Definition: competitive sports and games requiring physical skill, and the systems of training that prepare athletes for competition performance

Etymology: ἄθλον (áthlon) = Prize

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