



Year 11's Last Day

On Friday 28th June we said goodbye to our Year 11 students, who were our second ever year group. We had such a lovely final day together, full of emotion and fond memories. The day began with senior staff clapping the students over the school threshold for the final time, then for some students they went into their final 'Evidence Collection'. Students had a free break time snack then had a lovely assembly in which images were shared, and staff shared some parting words of wisdom. Students and staff then went into the rear playground for shirt signing, their final THS canteen cookie, photos and a few tears were shed. We cannot compliment the students enough on the way they conducted themselves on the day and we wish them all the very best for the future.



Time Capsule

We are excited to announce that we have now launched our permanent-site time capsule initiative. Students are invited to submit a Word document of no more than 2 sides, in font 12, (images can be included) that explains what they would like to put in the time capsule and why. The SLT and Trust will make their decision at the end of the year and those successful will be informed. The time capsule will be buried during the official opening of the Whitton site.



Three Peaks Challenge

Nicola Thomas, mother of Tarun, who sadly passed away last year, is completing the The Yorkshire Three Peaks tomorrow with a team of good friends in honour of Tarun. If you would like to support this, please donate using the link below. Monies have already been raised to allow a memorial service. The date for the memorial is June 4th 2022 at The Landmark Arts Centre in Teddington. All donations to the Team Page now go straight to two charities: The Daniel Spargo-Mabbs Foundation and Off The Record.

<https://uk.virginmoneygiving.com/NicolaThomas3>

Dates for your Diary

Y10 & Y12 exams – 8th June – 18th June

5th July – INSET

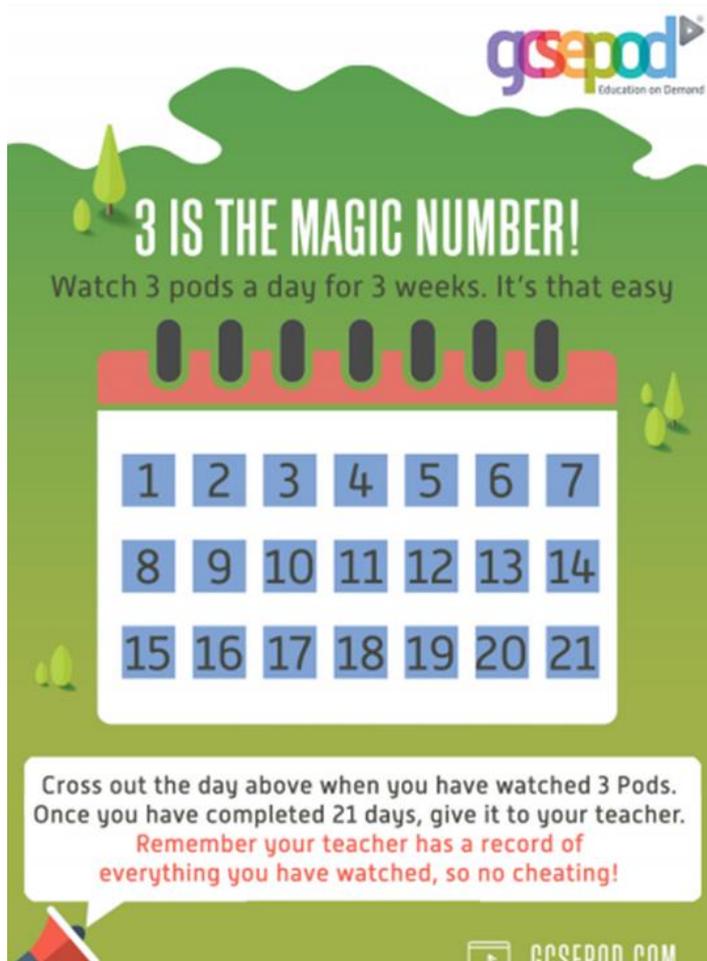
16th July – End of Term

Be Safe in the Sun

Temperatures next week are forecasted to be very hot so we would like to remind students to bring water bottles to school.

Year 9 GCSE POD Competition

This week we launched our Year 9 History GCSE Pod Competition. The competition ends when the Year 9s take their End of Year Exam. There is a prize for the student from each History class who has watched the most Pods and the class who watch the most pods. Year 9 students also have the below '3 is the magic number cards' to help motivate them:



thinking and working in our teams. We placed 1st and also joint 2nd for the robot design category. It was a great opportunity for us as we got to listen to some very inspirational speakers who told us all about different STEM jobs and routes into them. Good to know that there are lots of apprenticeships that would help us into the field. The photo below shows the results coming in... very tense!



Computing Success

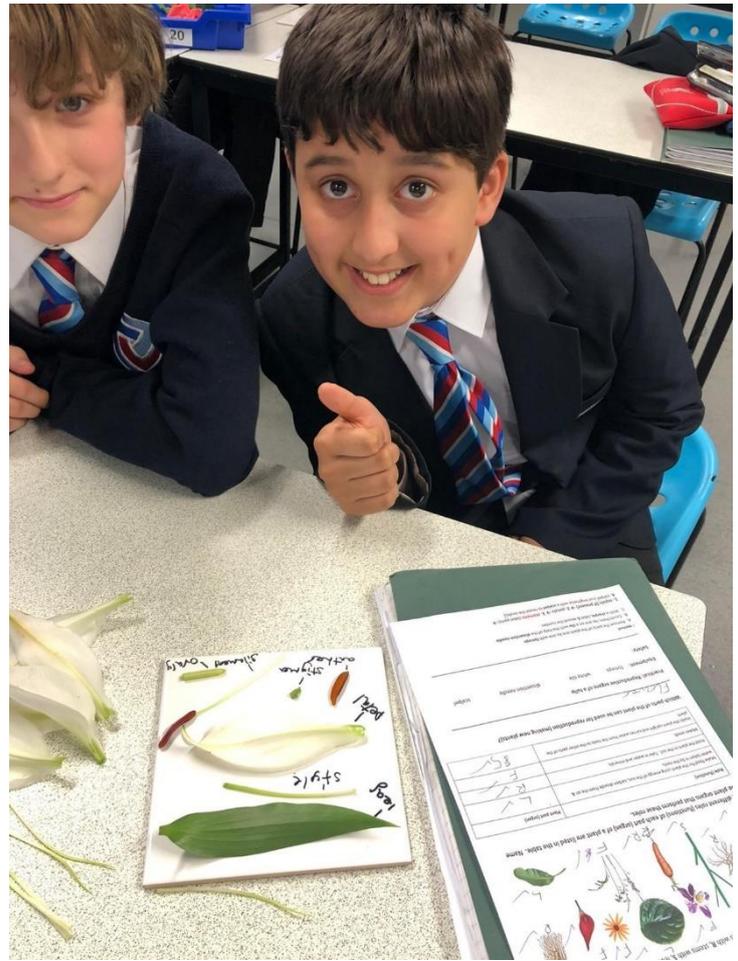
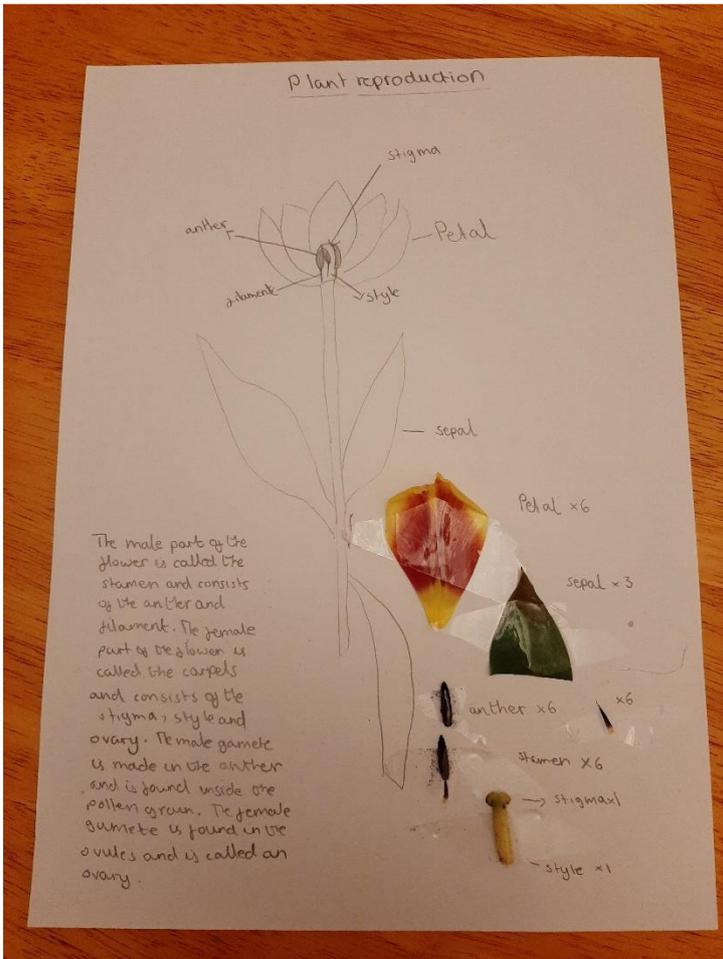
EXCELLENT NEWS! Reuben M, George B, Mark G and Hannah M all participated in the "learn by design robotics challenge!", which presented a challenge in itself due to Covid restrictions! Just before half term we managed to get in 4 different robots that we programmed to move around a track - no small feat! We were invited to a virtual celebration ceremony where we got to see some of the other entries! We had some stiff competition. But we are happy to announce that we placed 1st in the team challenge where we had to do 6 activities that involved logical computational

Biology Challenge

Last term, Y10 students took part in a nationwide Biology Challenge. The Biology Challenge stimulates curiosity for the natural world and encourages students to take an interest in biology outside of school. They had to complete two 25-minute multiple choice papers under exam style conditions. Oliver Porter and Luke W achieved Gold standard, Mia R achieved Silver and Emily S, Ben H, Caiden P, George B and Sam B achieved Bronze standard. Well done!

Congratulations

This term in Science, Y7 have been learning about ecosystems and plant reproduction. Pollination, plant reproductive organs, germination, seed dispersal, food chains, food webs and predator-prey relationships have been a focus. They have dissected plant reproductive organs and discussed the importance of species living in our local habitats. A special well done to Matea, who dissected her own flower at home.



FSM - Applications

In these challenging times, your financial situation might have changed. If you are now in receipt of benefits that you were not entitled to previously, then you may also be entitled to apply for a Free School Meal certificate for your children, which will provide you with supermarket vouchers to the same value of school meals, whilst your child is not at school.

Please check your local authority website to apply.
 RICHMOND UPON THAMES
https://www.richmond.gov.uk/free_school_meals

Please contact the school office at finance@turinghouseschool.org.uk if you have any questions regarding Free School Meals or if you need any assistance with the application.

ParentPay accounts

A gentle request to please top up your son/daughter's lunch account on ParentPay if it is currently overdrawn or has a low balance, to enable them to buy food at



school. Parents/carers can set up a low-balance reminder that is a useful facility. Thank you.

Luke in Year 10 – Piano Success

Congratulations to Luke who has passed Grade 8 Piano with Distinction with Trinity. He got full marks for his first piece, Remote Xiangelila, and for technical skills and for musicality, and almost full marks for the Grieg Erotik piece.

MET Police Football

MET POLICE YOUTH FC
U'16 REDS
 WE ARE RECRUITING NEW PLAYERS



Players will need to start school year 11 in Sept 2021

Email: u16redsmypfc@gmail.com | 07904589617



Sporting Fact of the Week

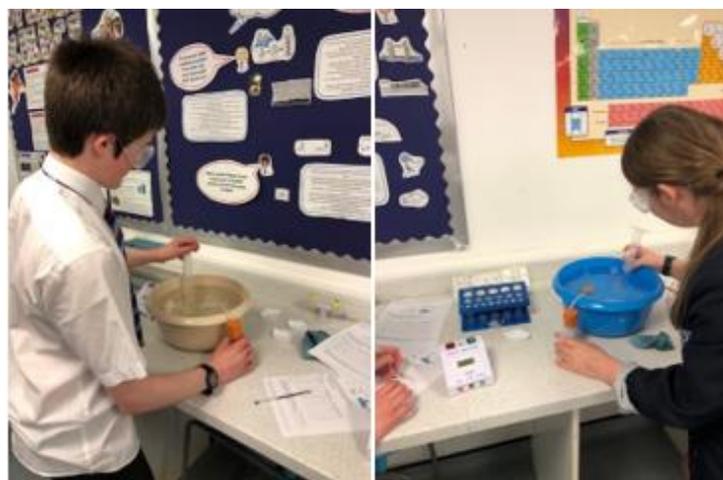
Have you ever taken an accurate reading of your pulse? Pulse is a reasonable indicator of fitness. British pensioner and ex-marathon runner Daniel Green, 81, recorded the lowest resting heart rate at just 26 beats per minute. That's lower than new Teddington resident and Olympic champion Bradley Wiggins! Go on - test yourself. Where do you rank?

<https://www.healthline.com/health/athlete-heart-rate#resting-rate>

Previously in Chemistry

Year 10 students investigated the effect of surface area on the rate of reaction by collecting the gas produced. Students used hydrochloric acid and marble

chips/powder (calcium carbonate) and collected the carbon dioxide produced using an inverted measuring cylinder filled with water. Students were able to explain the reason why the reaction was faster when we used crushed marble chips instead of marble chips. Do you know why? Ask the students in Year 10 😊



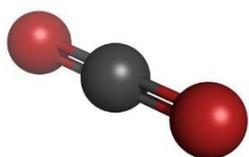
Year 12 students, as part of their practical assessment activities, conducted an investigation to identify the positive and negative inorganic ions in a mixture of salts the from unknown solutions. They also investigated the combustion of different alcohols using a calorimeter, in order to find the enthalpy change of combustion

(energy given out as heat when each alcohol burns).
They did a fantastic job! Go Year 12s!



On this week in Chemistry

June 8th - On This Day: The discovery of element 93, neptunium, was announced on this day in 1940 and was named after the planet Neptune. Neptunium (Np) was synthesised by Edwin McMillan and Philip H. Abelson,



who bombarded uranium (U) with neutrons to cause nuclear fission. Neptunium is a radioactive metal that is toxic due to its radioactivity.

Neptunium is rare in nature and is only made artificially from spent uranium rods in nuclear reactors.

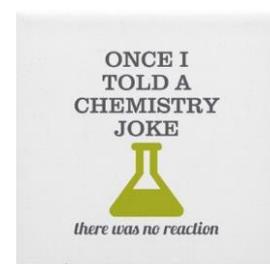
June 11th - On This Day: The Scottish chemist Joseph Black discovered carbon dioxide on this day in 1754. Black noticed that upon heating, calcium carbonate (CaCO_3) produced a gas that was denser than air and could not sustain fire or animal life. He called this gas 'fixed air', but we now know it as carbon dioxide (CO_2).



Carbon dioxide is perceived by many as a bad boy compound, an evil molecule. This stems from its role as a greenhouse gas in global warming. But there is something we should all not forget: the greenhouse effect is a good thing. Without it, the average temperature on this planet would be -18 degrees Celsius, which means there would be no life as we know it.

Furthermore, carbon from CO_2 is one of the essential building blocks of life, and photosynthesis uses carbon dioxide to produce sugars, for energy and cell construction. Carbon dioxide also plays a significant part in animal physiology. As well as exhaling CO_2 as part of our respiratory cycle, we need some carbon dioxide present in the air around us to trigger the breathing response!

This week's chemistry joke:



Term 5 Attendance Winners

Each Term we will be celebrating the form with the overall best attendance in the school. Term 5 was a close contest, however 7L just scraped it with an impressive 96.48%. Well done 7L and Miss Hughes for having excellent attendance, which is shown to correlate with high grades. Which form will win Term 6?



Remember, there is also one £20 Amazon voucher for each year group up for grabs at the end of each term. Every week you are in school and get 100% attendance, your name will be placed into the competition. This means the more weeks you get 100% attendance, the more chance you get to win.

Preparing a slide and using microscopes

Year 8 practiced their scientific skills on Tuesday by preparing a slide of pond water from Bushy Park and trying to identify the fresh-water microorganisms that might be present. They were given a sheet and booklet of possible organisms they might see and were extremely successful.

Woody focused on an organism he captured, Natalie was excited by how fast the rotifer she saw was moving, and Yusef verified Cormac's find as was required prior to them claiming each organism they had found and writing it on the board. The students proved to be very careful and able scientists.

Year 10 Physics Olympiad

Turing House had 15 students from Year 10 that participated in the Junior Physics Challenge hosted by the British Physics Olympiad. It is the earliest competitive test physics students can take so the exam varies greatly from year to year. There is added difficulty to this exam in that it is deliberately "Pub Style" popular science-based questions that rely on students being naturally interested in physics.

This was the first time that Turing House students competed in the challenge. They performed extremely well, winning several awards, and are to be congratulated.

Turing House students earned 1 Gold: Oliver P., 8 Silver: Luke R., Sanjith S., Ben H., Toby R., Benediktas M., Fatima K., and Justin V., 5 Bronze: Nazanin S., George E., Kuba M., and 1 Commendation: Alisha N.

There were 122 schools who participated in the Olympiad with 6171 participating students.

Walk to School Winners

The 24th - 28th May was Walk to School Week at Turing House School. Students had to submit evidence of the distances they had travelled to and from school by walking, running or cycling. It was amazing to see so many students get involved and accumulating amazing distances, keeping fit and saving the environment.

1st Place was taken by Jack O in Year 12, winning a £20 Teddington sports voucher.



2nd place was taken by James C in year 7, winning a £10 Teddington sports voucher.



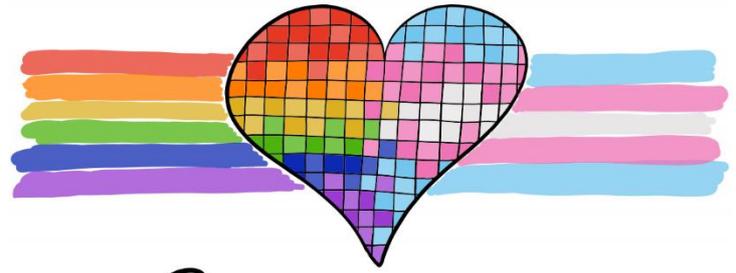
3rd place was taken by Abbi P in Year 9, winning a £10 Teddington sports voucher. Well done to everyone involved.

Photography Skills

One of our new GCSE subjects is providing us with a huge amount of joy at the moment with students producing ever inspiring images in lessons and as a part of their ongoing assessment. Miss McDouall was incredibly impressed this week by the work from Paul H who produced this piece to make the student look supernatural. Well done, Paul!



Be Yourself



Be yourself.

Pride Month is an important and interesting time of year. Whilst diversity and awareness should be celebrated year-round, the month helps schools focus on key issues and to have assemblies and PSHE lessons dedicated to LGBTQ+ topics. For teachers, it is time to start shaping the future generations who will form a more inclusive, more respectful society. For some students, it is the time to ask questions which they may not feel comfortable voicing at another time, but still need answering. For other students, it is the time when they feel ready to open up to their friends, or just feel more represented and understood by their classmates. But regardless of which meaning feels closest to us, Pride Month is our annual reminder to celebrate the incredibly diverse community around us, during June and beyond.

