

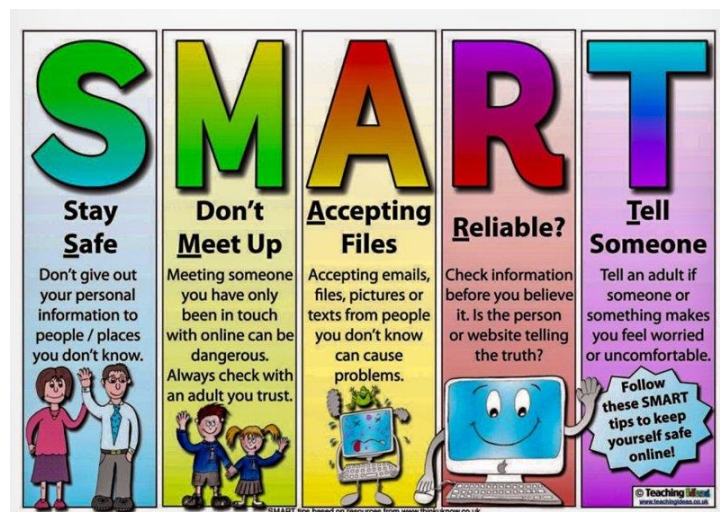
Message from Mr O'Sullivan

Next week is National Children's Mental Health Week, Sexual Abuse and Sexual Violence Week, and on the 8th February, Safer Internet Day. The coincidence of these things being at the same time is not lost on the staff at THS. The impact of social media on young people is vast. For some families this is managed well; for others the impact not only on the academic progress of the young person but on the health and wellbeing of children has reached dangerous levels.



Speaking to other local headteachers, this is a national problem as well as an issue in local schools. The truth is quite straight forward. Students are becoming addicted to their phones and social media; students are seeing things online that that shouldn't see such as inappropriate images and videos which desensitises them and may have an impact on forming healthy relationships in the future. Students are being contacted by adults who wish to do them harm. Many children have become obsessed with how they are

viewed by other people and measure their self-esteem on their number of followers and likes. This often results in mental health issues such as anxiety, difficulty sleeping, depression, addiction, eating disorders and self-harm. In conclusion, I am reaching out to all parents to have a daily conversation with their children next week about how they use mobile technology. There are some great conversation starters [here](#) and [here](#). Further advice can be found [here](#). If you didn't know that apps can be hidden, are you checking enough? It is important to be aware that some of the greatest mental health issues dealt with by school staff nationally are directly connected to seemingly harmless applications such as Whatsapp groups, Snapchat and Tik Tok.



Dates for the Diary:

INSET day moves from 21st February to 25th March.

Half term week 14th -19th Feb

Year 7 Virtual Parents' Evenings – Thurs 24th Feb and Tues 1st March



Free Parent Workshop

Have you watched your child struggle with schoolwork? Would you like to know how best to help your child with learning? Patrice Bain (@PatriceBain1), teacher and parent, has worked with cognitive scientists for over 15 years in identifying principles and strategies that increase learning and decrease anxiety. Author of *Powerful Teaching: Unleash the Science of Learning* and *A Parent's Guide to Powerful Teaching*, Patrice will discuss evidence-based tools and strategies that work.

It is a free event happening on the 15th of February, 5.30pm (UK time) Click [here](#).



Free Webinar for parents!

Help your child learn more effectively!

A great way for you to understand how learning works, so you can best support your kids.

Free tickets: <https://bit.ly/Parents-Webinar-Learning>

15th Feb

SENeca

Patrice Bain
@PatriceBain1

Every participant will be entitled to a certificate & a discount on Seneca Tutoring services!

The Friends of Heathfield Recreation Ground

On the 10th of December, the students at Turing House School raised £158.35 from the "Christmas Jumper Day"; students came to school wearing Christmas jumpers and donated a pound per person. The tutor council representatives of Y8, Mariyah, Joseph, Emilia, Kit, and Quinn, collectively decided to donate the money to the Friends of Heathfield Recreation Ground, a group looking after the Heathfield recreation field near our new school site. The following is a snippet from their email:

"We would like our donations to go towards your efforts on converting the Heathfield Recreation Ground into an eco-friendly environment and a more enjoyable space for the local community. We are excited hearing there are hedgehogs living in the area and would be thrilled to support the "hedgehog tunnel" and have more benches spread out across the grounds and bins

to reduce rubbish on the land field. We hope you will appreciate our contributions and look forward to seeing the finish results soon."

Friends of Heathfield Recreation Field were very appreciative and responded to the students' donation:

"We would like to say a huge thank you for your donation to our lovely green space. Our green spaces are very important and the area where your permanent school site is located, is rich in wildlife which are in decline currently in the UK.

We have a good and growing population of Stag Beetles, House Sparrows, Starlings, Hedgehogs and Bats. We even spotted a Thrush visiting the Recreation Ground in 2021 for the first time. All of these wildlife species are listed in Richmond's biodiversity action plan. We run projects to increase all of our local wildlife's habitat and food.

An important aspect of protecting our wildlife is to involve young people so that you can shape the future and look after our planet better than the older generation have done.

With your donation we would therefore like to purchase some wildlife monitoring equipment such as camera traps so you and pupils from our other schools in Whitton can view and get involved in caring for them."



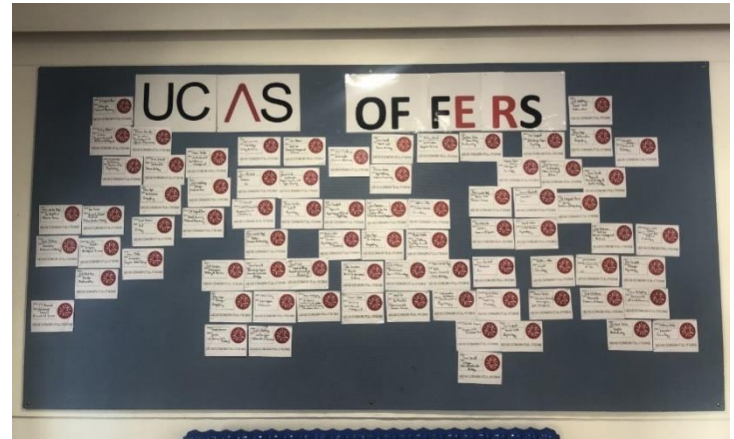
Year 11 History Work

Thank you to Judith Hayman and Lesley Urbach, who are second generation Holocaust survivors, for dialling into one of our Y11 History lessons to answer questions from our students about the Jewish experience of Kristallnacht and the Nuremberg laws ahead of their February Mock exam.



Year 13 are off to university!

Congratulations to our first Year 13 cohort who have opted to apply to university for September 2022; the UCAS application deadline was last week and now all have been sent off. This is history in the making for Turing House School. The offers are already rolling in. We can't wait to see where they all end up. Each postcard in our display represents an offer.



Children's Mental Health Week

Mental health problems affect around one in six children. They include depression, anxiety and conduct disorder (a type of behavioural problem), and are often a direct response to what is happening in their lives. (Source: <https://www.mentalhealth.org.uk/a-to-z/c/children-and-young-people>). With national Children's Mental Health week next week, we wanted to share with you some of the things that we have in place at school to support students.

Tutor support - all students have a form tutor (in some cases, tutors) who they will see daily and are there to support students with any concerns. Your child's tutor is also a good first point of contact for parents.

PLUS - a superb team of staff who work with many of our students in supporting the mental health and wellbeing. Many students already access this support but it is open to everyone. If as a student there are concerns (for yourself or peers), a referral form can be completed using the QR code displayed around the school

Our school website - a designated page for wellbeing highlights and signposts some key resources for

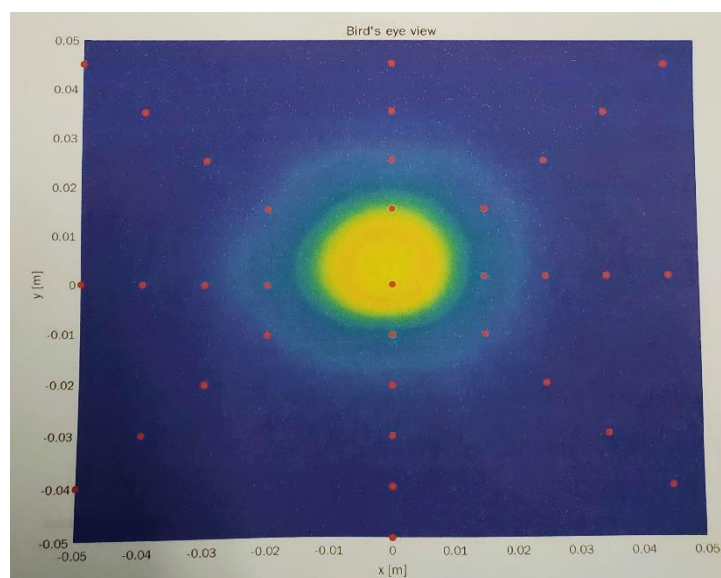
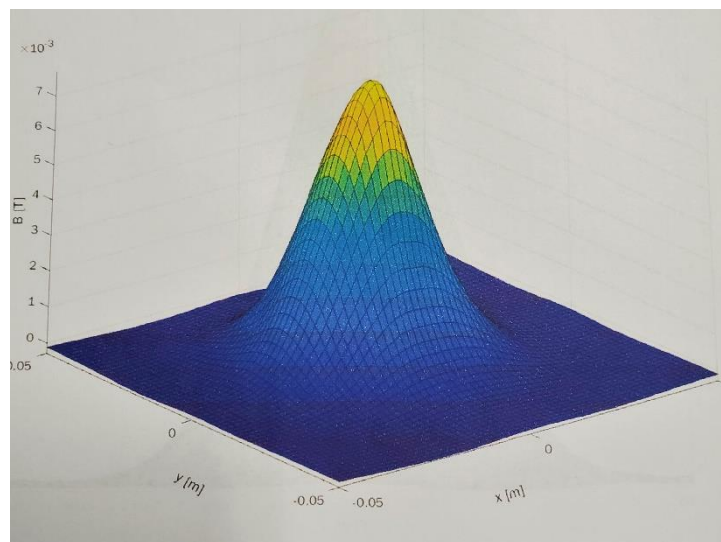
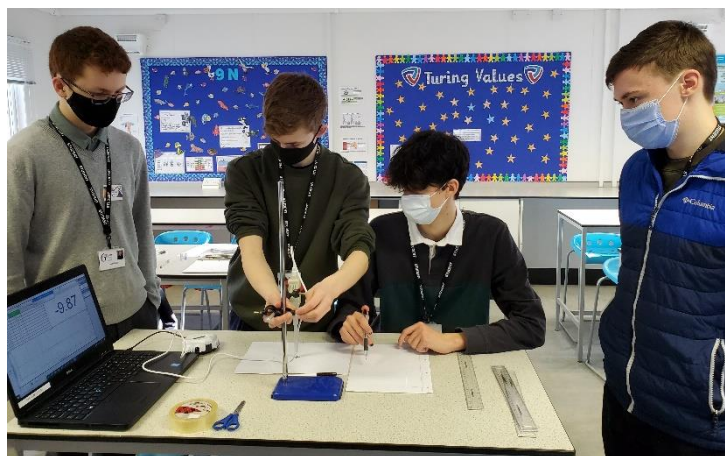
anyone seeking support with their wellbeing. This is useful for both students and their families.

Excitingly, we are also working towards having student Wellbeing Ambassadors on the permanent site, who will be available for peer-to-peer support. All ambassadors will be trained and supported in passing on information when necessary, but they will provide another source of support for students particularly in years 7-10. Additionally, Mrs Skinnard has taken on the role of Designated Mental Health Lead and is in the process of completing her training for this role.



Year 13 Physics

This week the Year 13 Physics students collaborated to measure and plot the magnetic flux density around a magnet. Pictured are Daniel, Archie, Will, and Cal. The plots were created by Daniel and Will using MATLAB. A special thanks to Steve, our IT support technician, who worked to install our sensor software on the computers. (Units on the graphs are metres and Tesla).



The Turing House Home Games Tournament - Table Tennis

Last term, the PE department started a new tournament named the 'Home Games'. Students from Turing House compete against one another in a chosen sport for the winner-takes-all title of Year Group Champion in that sport. The competition is currently focusing on table tennis which the year 7 and 8 students took part in before Christmas. It's now the turn of the year 10 and 11 students! If students would like to take part then they should give their name to a member of the PE department. The tournament will run from 3.15pm - 4.30pm on Wednesday 9th February.



Y7 Boys Basketball v Teddington



The Year 7 boys team managed to maintain their perfect record on the basketball court with a hard fought 24-16 win over Teddington. The game was closely contested in all quarters with the Turing team coming from behind in the second and third quarter. Teddington were impressive with their quick counterattack play as the lead frequently went back and forth between the two teams. Eventually, the boys edged out their opposition in the final quarter with some level-headed thinking as they refused to accept

the possibility of defeat! Well done to everyone involved.

Y7 Girls Basketball v Waldegrave

The Year 7 girls basketball team took on Waldegrave in their final match of the term. Waldegrave proved to be a well-drilled team and managed to maintain a lead in each quarter that unfortunately the Turing team couldn't quite close in on. However, the girls should be very proud of themselves as they have approached these basketball fixtures with great determination and sporting etiquette, all before they've had the chance to practise basketball in school! The girls are now looking forward to doing basketball for the first time in PE lessons in the new school so watch this space.

Y8 Boys Football v Twickenham

The Year 8 boys football team were back in action this week, this time taking on soon-to-be close-by rivals, Twickenham. The anticipation of the match was evident in the team's performance as the boys scored a whopping 7 goals and conceded none, making it the biggest result on the pitch this year so far! The whole team performance was brilliant to see and will be a tough winning record to beat! Well done to everyone involved.



Y8/9 Boys Basketball v Twickenham

The combined Year 8 and 9 boys basketball team faced Twickenham in their final preliminary league game of the term. The match started off very even with an even

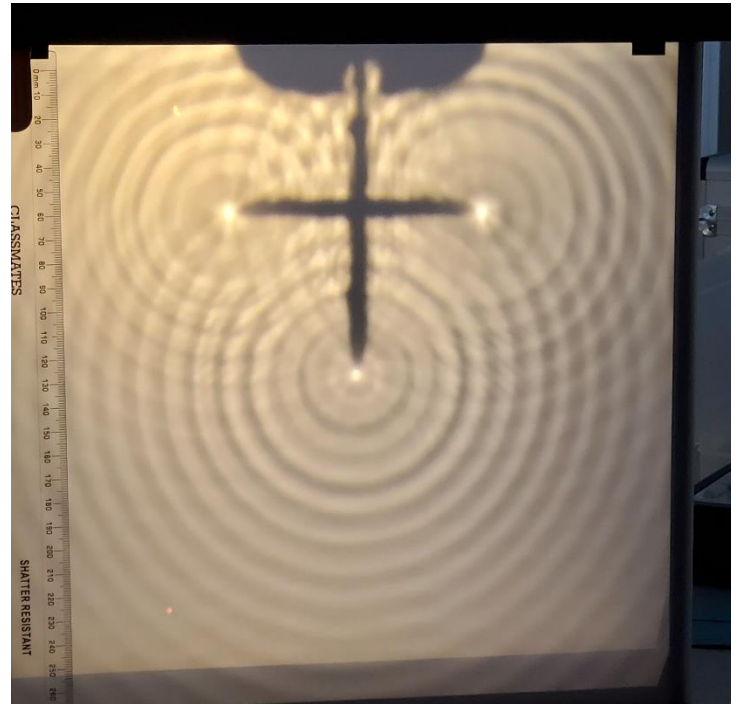
distribution of baskets being scored by both sides. From the third quarter onwards, however, the Turing team refocused and dug deep to apply some extra off-the-ball pressure and their defensive efforts paid off - they came away with a 41-29 win in the end! Well done to everyone involved.

Knights Basketball Camp Year 7 & Years 8-11



Can you see it?

Zsombor spotted the Turing House Logo in the interference pattern of the Ripple Tank earlier this week. Once Zsombor pointed it out everyone agreed it was the THS Logo. Can you see it?



The Year 12 students were studying polarisation today and have proven once again that physics is fun. Pictured are Mac, Kai, Jay, Marwan, Lilu, Max, Botond, and Zsombor.



National Apprenticeship Week – 7-13 February



You might not be as familiar with apprenticeships as a fantastic post-school opportunity compared to other options. Whether at 16 or 18, apprenticeships offer the chance to combine study with paid employment resulting in a professional qualification. There are no tuition fees and the salary can cover living expenses. Apprenticeships used to be associated with trade industries (such as electricians, mechanics or plumbers). Nowadays, apprenticeships can be taken in a wide range of industry sectors and provide entry to all types of careers, including accounting, banking, IT, law, management and television.

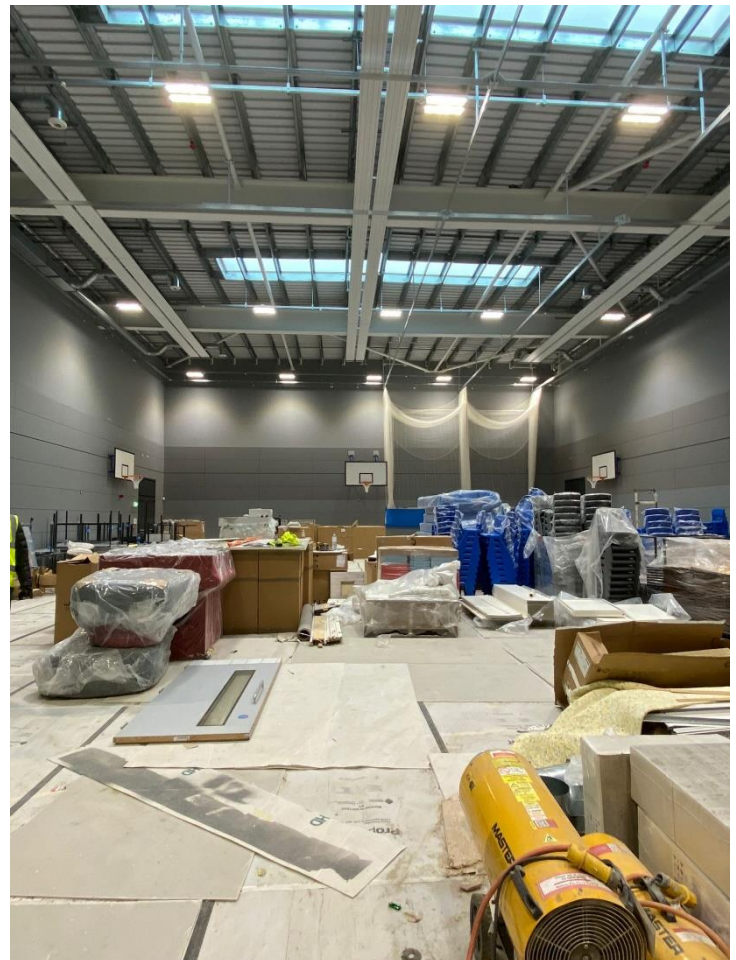
Relatively new to the apprenticeship suite are “degree apprenticeships”, offering an “earn while you learn” route to BSc or BA status. There are also options to take short-term apprenticeships. If students aren't comfortable with committing to several years of further study, they can take one- or two-year options and still gain recognised, valuable qualifications. Better still, if they change their mind and decide they wish to extend the apprenticeship to gain higher level qualifications, this is often possible.

Taking an apprenticeship is not an easy option and competition can be fierce. It takes organisation and dedication to balance work, where your child will be expected to contribute to the same standards as everyone else, and study. Holidays are far fewer than at college or university. However, for students that learn more easily through practical application, the work-based nature of apprenticeships will suit them well and

they will obtain valuable experience which will strengthen opportunities in finding rewarding work when the apprenticeship is over – often with the option of staying with the company sponsoring the apprenticeship.

Here is a free guide summarising all you need to know about the basics – whether that's for post-GCSE apprenticeships or post-18 opportunities. You can download it here: [Free apprenticeship guide](#) for parents.

Sneak Peaks!



Sports Hall



Sixth Form Study Booths



Science Room



Sports Fields, MUGA and Playground

Maths Champions

Nearly a hundred Turing House students from years 9, 10 and 11 took part this week in the UKMT Intermediate Maths Challenge, a national maths competition for secondary school students. They were tested on mathematical reasoning and logical thinking through a range of multiple-choice questions. The highest scorers will be receiving certificates and invitation to the next round of challenges. We hope that many of them will be going to the next stage!

You can try a question from last year's IMC competition below. Can you figure out the correct answer?

How many of the following statements are true?

- A prime multiplied by a prime is always a prime.
- A square multiplied by a square is always a square.
- An odd number multiplied by an odd number is always an odd number.
- An even number multiplied by an even number is always an even number.

- A 0 B 1 C 2 D 3 E 4



British Museum Young People's Programme

The Youth Collective is a group of 18–24 year olds working to inspire other young people to engage with the British Museum.

Through events, workshops and creative online content, the Youth Collective aim to spark conversations and influence change at the British Museum.

In spring 2021, the Youth Collective hosted Unlocking the Museum, a series of events looking at museum careers, how to break into the sector and what these institutions can do to better engage with young people. Watch the Unlocking the Museum videos to catch up on what they learned.

Would you like to be part of the next Youth Collective? [Find out how to apply](#) for the 2022 programme, running from March to November 2022.



STEM

This week in KS3 STEM club, students explored electrolysis. Electrolysis is a process that passes an electrical current through a substance to create a chemical change. Ms Loudain shared a new experiment for investigating electrolysis that she learnt on a recent professional development. A big thank you to Mrs Dippie, who always helps with STEM club.

