

24th September 2021

Book of the Week



When Rachel and Robert are passed a stolen book by their librarian father, they have to go on the run and protect it at all costs. With their father captured and everyone hunting for the Book, they must uncover its secrets and track down the final, missing page.



STEM Club



STEM club had their first session on Thursday last week where students investigated variables the effect of Alka-seltzers reacting with water in a film canister. The result was the production of carbon dioxide and thus a build of pressure. These were then used to make rockets to fire at a target.

Bunsen Burner License

In KS3 Science, students have been learning about safety in science and how to use Bunsen Burners. All students who were able to set up a Bunsen Burner safely were awarded with their Bunsen Burner license. Students have also been learning about the skeletal system.

We dissected chicken wings and identified that the bones and muscles in chicken wings are very similar to the bones and muscles in human arms.

Chromatography – Year 9

A great paper chromatography experiment by Year 9 students, Isabelle and Marissa. Well, done girls!



Dates for your diary

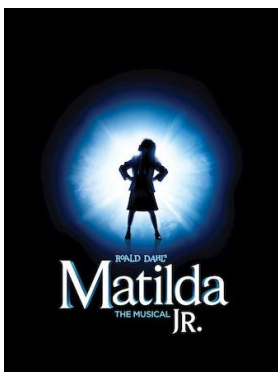
30th September – Virtual Open Evening for Year 7 entry Sept 2022 (current Year 6 pupils)

School Office Numbers:

Years 7 & 8 - Teddington 0208 069 6100

Years 9 - 13 – Hampton – 0208 069 6101

School show news!



Over 70 students came along to our first 'Matilda' workshops this week.

Those who signed up at the end of their session, and those who couldn't make this week's session but would like to take part should come along to the

following sessions where we will be doing final casting:

Y9-13 - Tuesday 28th Sept 3:15-4:15

Y7-8 - Tuesday 5th October 3:15-4:15

We do not audition at Turing House and everyone who signs up will get a part.

Rehearsals will be held after school on Tuesdays and, as in previous years, there will be weeks when students may be required to travel to the other site for a 3:30 start.

Strawberry Hill House Flower Festival

They have a wonderful flower festival at Strawberry Hill House between 8th and 10th October. They have also included some workshops this year and two are suitable for children basket making and flower printing.

See the link to their What's on Page for further information:

<https://www.strawberryhillhouse.org.uk/whats-on/>

GCSE Drama

Congratulations to Y11 Drama students who recorded their course work devised pieces this week.

The level of commitment and determination shown by the students was impressive, and their final pieces, which were based on Grenfell survivors' stories, were creative, polished, and sensitive to the topic.

Autumn Term @ Heatham House

It's another exciting year at Heatham House and this Autumn we see the opening of an outdoor coffee stall, gym, and animal coup area for chickens. This is in addition to all of our usual weekly activities.

Inters Club

Who: Years 7, 8 & 9

When: Mondays and Wednesdays

Time: 3:30pm - 5:30pm

What: An afterschool club for years 7-9 including football on our 3G pitch, basketball, skatepark, music studio recording, street dance, and much more.

No Straight Answer

Who: Young people identifying as LGBTQI+ in years 7 - 13

When: Every Friday

Email: justin.johnson@achievingforchildren.org.uk for session times

What: A bespoke support group for young people aged 11 - 19 identifying as LGBTQI+. Sessions include access to all of our fun activities as well as support on LGBTQI+ issues impacting the community.

Lighthouse

Who: Young people aged 12 - 24 with ASC and/or ADHD

When: Every Thursday

Time: 6.30pm - 8.30pm

What: A fun exclusive youth club for young people aged 12 - 24 with ASC and/or ADHD. Different activities each week including cooking, sports, music and games. Contact Meg.Scott@achievingforchildren.org.uk for a referral form and more information.

R.A.P

Who: Rappers and Singers in years 7 - 13

When: Every Tuesday

Time: 3pm - 6:30pm

What: An urban music support session offering access to 4 music studios each running Logic Pro X. Young people can come and make their own songs as well as getting involved in performances. We also help people release their music onto online streaming platforms.

Insight Evening – Years 10 - 13

The job market for students leaving school or university can be tricky and now more than ever we need to help them as much as we can to secure the very best opportunities when they enter the workplace. We would like to

extend our invitation to you for our very first parent/carers information evening event.

We have leaders from some of the biggest employers in their industry IBM, HSBC, PwC, bp, University of Bath, Clifford Chance & Capgemini coming to talk to you about how your son/daughter or young person under your care can navigate the job market to find some incredible work experience/internship placements as well as graduate and apprenticeship opportunities.

They will be sharing some useful tips around psychometric testing, how to prepare for assessment centres, CVs, and applications as well as lots of information around preparing your child/young person for the workplace/university.

This event is free of charge, and it will be running on Thursday 30th September, 6pm – 7:30pm. You will have the opportunity to join this event virtually with your son/daughter/and or young person, ask questions you want directly to leading employers and obtain lots of useful information. The booking link can be found below here:

<https://www.surveymonkey.com/r/YP-Insight-Evening>

A-Level Physics

The A-Level physics students began the term by determining the current-voltage characteristic of a variety of electrical components.

After two previous years of limited practical experience due to covid restrictions, the students enjoyed exploring concepts they had previously only examined theoretically.

**Engineering opportunity – Year 9**

Discover where engineering can take you, from the comfort of your own home, on this RAF online engineering supported course based on true to life humanitarian type missions undertaken by RAF personnel – for **current Year 9s**.

Working with the RAF, our expert team of Education Officers has developed a series of humanitarian engineering challenges hosted within an online learning platform; RAF personnel are also on-hand to offer support and guidance. Practically explore how engineering can have a positive impact on the world with all the resources provided for you.

Course timings: 26 - 29 October 2021, day one 9.30 am - 1.00 pm, remaining days 10am – 1.00pm. Content delivered by The Smallpeice Trust.

(Priority on this course will be given to non-selective state school applicants. The application closing date will be 26.09.21 after which student data will be passed to the RAF for the selection process. Successful applicants will be notified w/c 4.10.21 – due to the volume of

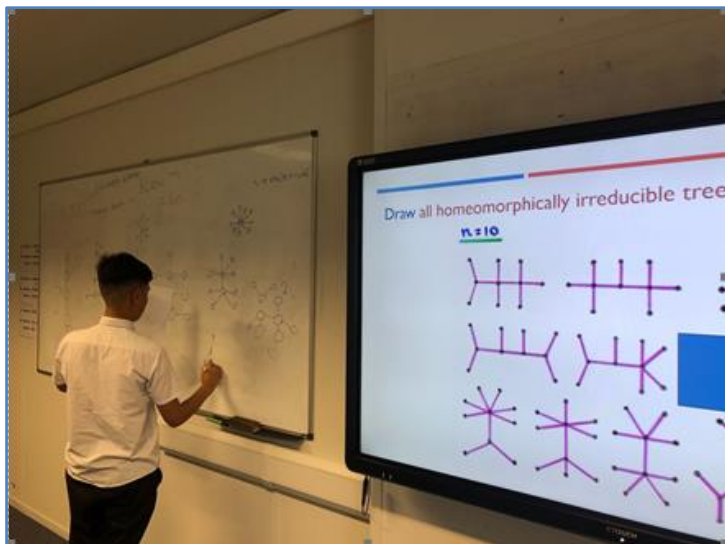
applications we will not be able to provide feedback to unsuccessful applicants).

Students in Hut 8 are better than MIT professors!

This week in the Hut 8 club, we looked at the problem posed by (fictional) MIT professors in the movie Good Will Hunting. We looked at the problem statement ("Draw all homeomorphically irreducible tree graphs of size $n=10$ "), then discussed the differences between trees (green with leaves outside) and trees (nodes and edges with no cycles) and attempted to solve the problem which took the professors 2 years to solve - according to the movie.

The young mathematicians managed to find all 10 solutions in under 20 minutes!

If anyone would like to join in on solving puzzles and having some maths-fun, Hut 8 is open from 15:15 on Tuesdays (for Years 9-11) and 15:15 on Thursdays (for Years 12-13) in H2.7. Talk to Miss Olah to find out more.



Year 10/11 Boys Rugby v Richmond School

A combined Year 10 and 11 Rugby team were in action for their first fixture last week against a strong Richmond upon Thames School side.

Despite losing seven tries to one (scored by captain, Dion Hoareau), the team kept their heads up, grew into the game and did not give up. Well done to everyone

who got involved! The team are next in action against Teddington School on Tuesday 28th September.

Year 8 Boys Rugby v Richmond School



The Year 8 team kicked off their rugby fixtures this week against Richmond upon Thames School.

The score finished with Richmond winning nine tries to four, however that was certainly no reflection of how close a contest it was with plenty of flowing rugby on show.

The team should be pleased with their performance - well done to all involved! It was also lovely to see the support for the team from parents on the side-lines too!

Year 7/8 Girls Football v Twickenham



A combined Year 7 and 8 girls football team kicked off their fixtures with a crushing 4-0 win over Twickenham School!

The girls showed excellent teamwork from start to finish and represented Turing House superbly on and off the pitch. Goal scorers included Esma, Eryn and Isabelle. A big well done to the whole team!

Canteen Food – Healthy Eating

We thought we would let you see the lovely offering of salad and pasta freshly prepared daily, and provided on both sites, by our new catering company.

There is always a different selection to choose from along with a selection of hot food and delicious healthy snacks and puddings.



European Day of Languages



This Sunday it is European Day of Languages.

Did you know there are between six and seven thousand languages worldwide with twenty-four officially being spoken in Europe.

However in reality, more than two hundred different languages are spoken each day across the continent.

On the 6th October we will be holding our first ever European Day of Languages cake exhibition in the dining hall on both sites. Please do encourage your son/daughter to bake a creative European themed cake. Happy baking! Here are a few ideas:



This week in tutor time your son/daughter will have seen the quiz below, how many can you answer as a family?

1. This is the official language in Thailand.	T
2. This is a language spoken in Israel.	H
3. This is the official language in the Bahamas.	E
4. The capital city of this South American country is Quito.	E
5. This is a language spoken in Pakistan.	U
6. The capital city of this European country is Bucharest.	R
7. This is the capital city of Canada.	O
8. This is the official language in Brazil.	P
9. The capital city of this African country is Addis Ababa .	E
10. This is the official language in Egypt.	A
11. This is the capital city of India.	N
12. This is one of the three official languages in Belgium.	D

13. This is a language spoken in South Africa.	A
14. This Middle East country shares a border with Saudi Arabia and Oman .	Y
15. This is the capital city of Norway.	O
16. This is a language spoken in the province of Quebec, in Canada.	F
17. This is the capital city of Portugal.	L
18. The capital city of this country in Oceania is Canberra.	A
19. This is the capital city of Kenya.	N
20. This is the official language in Austria.	G
21. This European country is part of the Commonwealth.	U
22. This is the capital city of the Netherlands.	A
23. This is a language spoken in India.	G
24. This European country's neighbours are Sweden , Finland , Russia and Latvia .	E
25. The USA is the second largest country speaking this language in the world.	S

Answers will be revealed next week.

STEM Smart Programme



Are you studying **maths** with **physics**, **chemistry** or **further maths**?

Are you considering applying for a **physical science** or **engineering** course at university?

STEM SMART is a **FREE** programme for Y12 students from state schools, beginning in January 2022 and supporting students through to May 2023.

STEM SMART includes weekly online tutorials with Cambridge University subject specialists, access to student mentors and lectures from top scientists. The programme will support and extend your school learning.

To find out more, check your eligibility and apply, go to www.cam.ac.uk/stemsmart

Apply by 31st October 2021



If you are interested in taking part, please see Mr Hall.