

12th February 2021

## Message from Mr O'Sullivan

January is over (after what feels like 365 days) and we have reached the end of another strange term. I would once again like to thank all the school community for your support during these difficult times and hope that your children have enjoyed in engaging with the high-quality teaching and learning that has been provided. Whilst I would like to wish you all a great half term break, it seems a rather moot point when very little will change for most of us. I do encourage all of you to spend as much quality time with each of other as you can, and to avoid screen time where possible.

Last week I wrote to you about the permanent site; I can also now confirm that additional classrooms and a second Sixth Form common room will be ready for September 2021 on the Hampton site. This exciting time will also see a switch with Years 7 and 8 moving to be based at Teddington, and Years 9-11 based at Hampton. Sixth Formers will continue to move across sites in the same way staff do.

My final message is to all the parents and carers of children who were due to take examinations this summer. I desperately hope that the government will announce their plans for how students will be assessed

when we get back from half term. I am fully aware that this delay is creating concern and worry for our young people. My advice is to encourage you to keep your chin up, keep working hard, and we assure you that we want you to succeed.

## Year 10 Parents' Evening (virtual)

The Year 10 Parents' Evening will be held on **Wednesday 24<sup>th</sup> February** and will enable parents/carers to have a virtual progress meeting with subject teachers. Each appointment will last 5 minutes and parents/carers can book up to 6 meetings.

The booking system is now open for parents to make bookings. Please use the following link to make bookings:

<https://turinghouseschool.schoolcloud.co.uk/>

## Thursday 25th February – TH Friends AGM

Come along and join us from the comfort of your home! This is an opportunity to find out what we do and join us in our virtual fund raising. More details to follow after half term - we look forward to "seeing" you!

<https://stmarys.zoom.us/j/86453941253?pwd=NHNkRklIMWwyWEFyZhdWY25FZGJldz09>

Meeting ID: 864 5394 1253, Passcode: 418989

### Dates for the Diary:

Half Term Week: 15<sup>th</sup> – 19<sup>th</sup> February 2021

INSET DAY – Monday 22<sup>nd</sup> 2021

Year 10 Parents' Evening – 24<sup>th</sup> February 2021

THS Friends' AGM – 25<sup>th</sup> February 2021

Year 9 Options Evening – 4<sup>th</sup> March 2021

**Thank you for supporting the THS Friends Laptop Appeal. The order has now gone in and we are waiting to receive the laptops that you generously donated to the school. They will be invaluable to our students during this time.**

*Thank you!*

## BP STEM Geography Biodiversity Challenge

**bp** Our **Year 7 Geographers** have had the opportunity to study biodiversity this week. They have considered what biodiversity is, why it is important and how we can help to increase biodiversity in our local green spaces.

As part of this challenge, they had the opportunity to design a home for nature, considering everything from what makes a great hedgehog house to the best bug hotels!



If students want to submit their designs for the competition, they should complete the entry form and email it to Mrs Turner at [info@turinghouseschool.org.uk](mailto:info@turinghouseschool.org.uk) by Friday 26<sup>th</sup> February 2021 (the deadline for submissions to BP is 3<sup>rd</sup> March 2021).

This competition is available for anyone up to the age of 14, so if you are interested in knowing more about this please visit the bpES website: [www.bp.com/bpes](http://www.bp.com/bpes)

You will then need to click on 'Enter a student code' (top right on all pages if you are not logged in) and enter the code 35516.

## RSC Virtual performance

The RSC is doing a virtual reality performance called 'Dream virtual, a midsummer forest' based on 'A Midsummer Night's Dream', available to book virtual tickets/watch at home from March 12<sup>th</sup>.



Dream is a live performance set in a virtual midsummer forest.

Inspired by Shakespeare's 'A Midsummer Night's Dream', it will give you a unique opportunity to directly influence the live performance, from wherever you are in the world. Performances take place from Friday 12 March to Saturday 20 March 2021.

Visit the Dream website on your mobile, desktop or tablet and enjoy a performance:

[www.rsc.org.uk](http://www.rsc.org.uk)

## Lessons from Auschwitz Online: Sixth Form Opportunity

Turing House School has secured four places on the *Lessons from Auschwitz* Online programme. If you would like to take part in the programme, please email FAO Ms Riglin via [info@turinghouseschool.org.uk](mailto:info@turinghouseschool.org.uk). You do not have to be studying History at A-Level to participate. Please read on to learn more about this exciting opportunity:

Starting on Wednesday 17<sup>th</sup> March, *Lessons from Auschwitz* Online will offer students the unique opportunity to learn about the history of the Holocaust through a bespoke online learning environment, accessing artefacts, text, film, and virtual explorations of Auschwitz-Birkenau Memorial and Museum. Students will consider the individuals whose lives were affected by the Holocaust and the relevance of the Holocaust today.

All *Lessons from Auschwitz* Online participants will be required to join three live online sessions, and complete self-guided modules – all available via our LFA Online platform. At the end of the project, they will devise their own initiative (their 'Next Steps') through which they can share what they've learnt and encourage others to ensure the Holocaust is remembered.

All online sessions last approximately 2 hours. At least one of these sessions will take place on a Sunday.

Independent, online learning will be completed in the student's own time, and modules should take approximately 2.5 hours to complete in total. All projects take place over 9-10 days.

Participating students will require access to a computer, laptop or handheld device (tablet) to complete the independent learning journey and attend live, online sessions.

Students with access to a smartphone will also be able to take part in a virtual exploration of the Auschwitz-Birkenau Memorial and Museum as it is today.

Prior to the project, all participants will receive an educational pack in the post, including hard copy materials. Students will still be able to take part in the project without a smartphone.

## Historical Story of the Week



The first proposal for space travel in English history was made by Oliver Cromwell's brother-in-law

Theologian and natural philosopher John Wilkins (1614–72), who married Cromwell's youngest sister Robina, was a polymath of great learning and curiosity, and would be one of the founders of the Royal Society. In two books he explored the possibility of "flying chariots" to carry men to the moon.

He believed, as did many others, that the moon and planets were inhabited, and that we should meet these people and trade with them. People were anchored to the earth by a type of magnetism, and if it were possible to reach an altitude of just 20 miles, travellers would be free to fly, or rather sail, through space.

Breathing wouldn't be a problem as the astronauts would soon grow accustomed to the purer air breathed by angels.

Wilkins appears to have experimented in building flying machines with Robert Hooke, in the gardens of Wadham College, Oxford, in the 1650s. Some years

later, however, with growing understanding of the nature of vacuums, he realised that space travel was much more complicated than expected.

While his Cromwellian connections reduced him to poverty after the return of the monarchy, Wilkins's fortunes were gradually restored and he ended his life as Bishop of Chester.

Year 10 History students study Oliver Cromwell – ask your son/daughter what they already know about him.

## Songwriting Competition

POWERJAM PRESENTS

**SW LONDON**

**SONGWRITING**

**COMPETITION**

Win a professional recording, song production, and release on all streaming platforms!

**- Worth £1,000! -**

Open to residents of Richmond, Kingston, and Hounslow, ages 12-17



In an effort to encourage local young people to stay creative and motivated over lockdown, Powerjam, a Community Heroes award-winning project, are inviting musicians ages 12-17 to enter a competition for a chance to professionally record and release a song on all streaming platforms including Spotify.

GCSE and A-Level compositions with vocals are very welcome, and the winner, runner ups, and their schools will also be mentioned in various local publications as well as on all their social media pages.

There are no entry fees, any genre is welcome, and isolated vocal recordings are ok too!

Deadline for submissions is 31st March 2021.

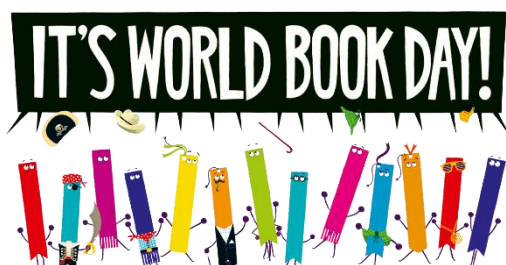
Full details of the competition can be found here: <https://www.powerjambands.com/competition>.



## LGBTQIA+ Literature: What's Out There?




- *Pride, The Story of Harvey Milk and The Rainbow Flag*, by Rob Sanders: a picture book of the history of gay pride starting in the USA. (KS3)
- *George*, by Alex Gino: a children's novel about a young girl struggling with showing her real self to the world. (KS3)
- *Openly Straight*, by Bill Konigsberg: one of the best gay-themed novels of the decade, a coming out story for teens and up. (KS3-4)
- *The Misadventures of the Family Fletcher*, by Dana Alison Levy: the second book in a comical series about rainbow families and different family dynamics. (KS3)
- *Simon vs. The Homo Sapiens Agenda*, by Becky Albertalli: a romantic drama for KS4 teens and young adults. (KS4)
- *The Misadventure of Cameron Post*, by Emily M. Danforth: a coming of age teen novel and film on Netflix and more. (KS4)
- *Aristotle and Dante Discover the Secrets of the Universe*, by Benjamin Alvarado: a coming of age novel for 12-17yrs. (KS3-4)
- *The Happy Prince*, by Oscar Wilde: A collection of short stories with a moral purpose. (KS3-4)
- *Sylvia and Marsha Start A Revolution*, by Joy Michael Ellison: The Story of the Trans Women of Colour Who Made LGBTQ+ History. (KS3-4)

World Book Day Fancy Dress – 4<sup>th</sup> March

Whilst we may be in lockdown, we still intend to celebrate World Book Day to the full! We would love students to get dressed up as one of their favourite book characters for the day!

Send in photos of you reading as Matilda, solving maths puzzles as Artemis Fowl, performing in Drama as Nick Bottom or PE as Katniss Everdeen! The options are endless! The best costumes will be featured in our newsletter.

## Cambridge Chemistry Race

 **chemistryrace** A-Level Chemistry students took part in the Cambridge Chemistry Race on Saturday, February 6<sup>th</sup>.

The Cambridge race included 42 teams from across the UK, all competing virtually, in a **2-hour problem solving competition**. All Turing House students are first year students yet the students we competed against were composed of teams which included many, if not all, second year A-level students. Our placing, 37/42, while not at the top, was good.

The Turing House team name was **The Neutralisers** and was comprised of: **Mikey Pollard, Ethan Hope, Sarah Mansouri, Aimar Muhammad Rifqi and Monica Ortiz Cortes**. The winners of the race were: King Edward VI Camp Hill School for Boys took 1<sup>st</sup> place, Radley College took 2<sup>nd</sup> place, and Westbourne School took 3<sup>rd</sup>. Dr. Ratliff is confident that next year we will be one of those schools in the top grouping.

## Chemistry Olympiad

A massive well done our Y12 students,



**Monica, Ethan and Sarah** for taking part in the **UK Chemistry Olympiad** organised by the Royal Society of Chemistry! Their results have been submitted. Scores from all over the country are now being moderated and we wait for the students' certificates to arrive in March! Good luck all!

## This week's Chemistry joke!

**WHAT DO YOU CALL AN ACID WITH AN ATTITUDE?**

gimme ur lunch



**A-mean-oh acid.**

Maths – Hegerty Leader Boards



What a superb term we've had for Maths! We are so impressed with the quantity and quality of your work, particularly on HegertyMaths.

These leaderboards below show just a small selection of students who have achieved the most 100% scores in skills this term. Congratulations all!

Skills at 100%		Skills at 100%		Skills at 100%	
Term 3 2021		Term 3 2021		Term 3 2021	
Jana Khalife	30	Vernica Balaji	26	Nadeen Al-azzawi	109
Joseph McLachlan	24	Jackie He	23	Joe Tyler	33
Conal Ablett	19	Landen James	22	Riley Flecker-Lister	31
Will Porter	16	Zeph Fyfehan	21	Sakurako Shibasaki	31
James Clifford	14	Mia O'Carroll	21	Sam Taylor	27
Luke Harcourt	12	Lucas Robinson	19	Jay Thomas	25
Samira Mamiar	12	Tod Mugford	17	Ben Sanders	25
Maya Mensah Gibbs	12	Megan Sidmead	17	Sasha Gour	24
Matty James	11	Yusuf Hewavitarne	17	Arun Lal	23
Romy Tamana-Nicholson	11	Henry Brown	16	Kaiden Greening	22

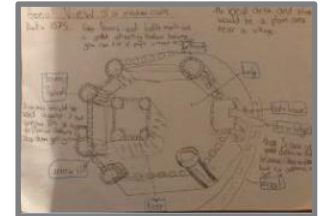
Skills at 100%		Skills at 100%		Skills at 100%	
Term 3 2021		Term 3 2021		Term 3 2021	
Oliver Porter	47	Lilu Kerekes	30	Nadeen Al-azzawi	052/Ma 109
Ben Hall	40	Ratohan Ahluwalia	29	Oliver Porter	100/Ma 47
Caiden Palmer	40	Jodi Guruscharri	24	Ben Hall	100/Ma 40
Sapna Sadi	28	Sophie Forster	21	Caiden Palmer	100/Ma 40
Elishama Abuza	26	Jacob Antans	20	Joe Tyler	099/Ma 33
Wassim Handari	25	Ayub Hewavitarne	20	Riley Flecker-Lister	092/Ma 33
Stanley Mufflers	23	Luca Hollywood	19	Sakurako Shibasaki	092/Ma 31
Luke Lawrence	22	Riley Liu	18	Jana Khalife	077M/Ma 30
Mia Redding	22	Tom Desamoy	18	Lilu Kerekes	100/Ma 30
Georgia Boots	21	Shreya Singh-Dhillon	17	Ratohan Ahluwalia	119/Ma 29

Year 7 Castle Project

As part of our Norman invasion module this term, students have been completing a research project on the development of castles.

Students have been getting creative in lockdown producing these fantastic castle models and drawings!

Well done to everyone who submitted their work over Teams - we have loved looking through them. Here are some submitted from: Shamsi, Mariyah, Jack, Luke & Lama.



WWF live lesson in Y8 tutor time



Thank to **WWF** and Ms C Howkins for the live lesson on the 'Geography and ecosystems of

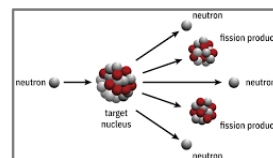
southern Kenya and northern Tanzania' that took place during tutor time with Y8 students.

Students had a chance to discover the interdependence of natural systems and learn about human-wildlife conflict in the region and how WWF is providing real-world conservation solutions in this landscape.

Thank you to all Y8 tutors and Ms Gumpert for their help with setting this up this. Year 8 students, send us your feedback at [info@turinghouseschool.org.uk](mailto:info@turinghouseschool.org.uk) (for the attention of Mr Hatzidakis).

We'd love to read your thoughts on this live lesson. It's possible to organise more like that in the near future!

On this day in Chemistry



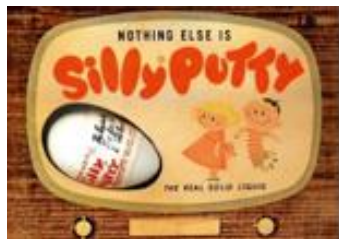
**February 11:** The journal 'Nature' published a paper on the theory of nuclear fission on this day in 1939.

Do you know what nuclear fission is? How is it different to nuclear fusion? Watch this [video](#) for a quick recap.

Did you know we are harnessing the energy from nuclear fission in nuclear power plants? Watch this [video](#) for a quick recap on how a nuclear power plant works.

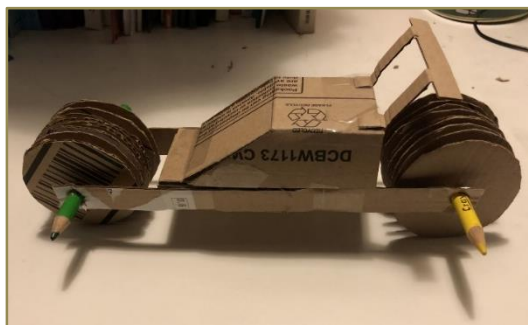


**February 14** - : Silly Putty made its debut at the International Toy Fair in New York on this day in 1950. The first Silly Putty was made by mixing silicone oil with boric acid. This formula has remained essentially unchanged for 50 years, and more than 4,500 tons have been sold since 1950.



2<sup>nd</sup> **Stefanos Antonatos** Year 8

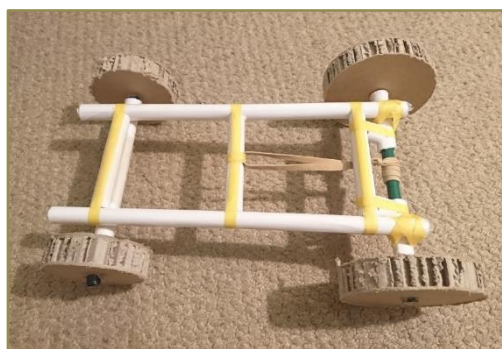
3<sup>rd</sup> **Nadeen Alazzawi** Year 9



**Physics Paper Car Challenge:**

Winners will receive a science toy as their prize, awarded during class when they return to school.

First Place: **Max Randall** Year 11



**Kitchen chemistry-Making bath bombs**

Did you know you can make bath bombs using ingredients you can find in your kitchen?

Try the following [chemistry experiment](#) from the Royal Society of Chemistry to make your own fizzing bath bombs!

Try this simple yet fun activity at home, **always with a responsible adult!**

Take a picture of your bath bombs and upload your entry to 'Optional Fun Science activities' on Teams or send them to [info@turinghouseschool.org.uk](mailto:info@turinghouseschool.org.uk) (for the attention of Mr Hatzidakis).

Tell us about your experience. We'd love to see your entries!

Second Place: Tie between **Georgia Bools** Year 10 and **Rocco Yellen** Year 10



Third Place: Tie between **Mark Jackman** Year 10 and **Jake Tomkins** Year 8

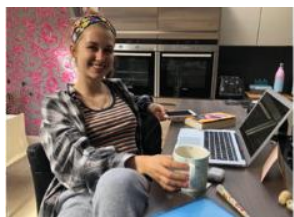


**Design Honorable Mentions:**

1<sup>st</sup> **Kai Satterthwaite** Year 11



## Sixth Form Blog Spot



Visit our Sixth Form blog to find interesting articles, interviews and much more to help guide and inform you about your Post-18 options.

This week's contributor is Cambridge undergrad, Alice, who gives you an insight into her Natural Sciences course: <https://www.turinghouse6th.org.uk/?p=2514>

## Positive News from a Sixth Former

*This week's contributor, Barbana Hoxha, provides us with a beautiful reflection on the past year, and how it feels the end to this pandemic is in sight.*

In the epoch of adversity, we have demonstrated community, from the staff who support us to the students who attend every lesson, as motivated as ever. By the time we come back from half-term, we will almost be at the anniversary of the first lockdown, March 17<sup>th</sup>, 2020.

With most of this behind us, and as we transition through the remainder of the pandemic now, we can see a bright horizon in front of us. We can look at the good that has come out of this, and the lessons we have learnt. From the lack of human activity, whole ecosystems around the world have been rejuvenated and the air that we breathe is clearer than it has been for a long time, we now know we can impact the world for the better. The investment in sciences, specifically epidemiology and vaccines, has set us on the path to preventing the next pandemic.

Just as the ecosystems have adapted and the science communities have shifted their focus, we are doing the same. We now work and learn from home, and it is challenging for some, even many of us, but every day we get better at it. We now use technology in ways and in volumes that have never been seen before by any generation before us. Some would say we are now in the technology revolution; I would say we are in the communication revolution.

## Escape Room - Vote now!

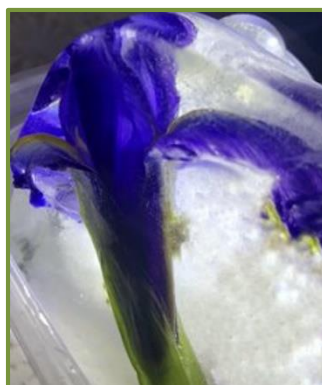
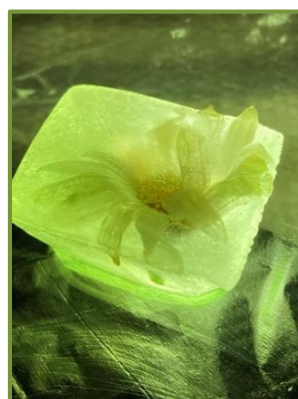
Turing House Friends are organising a Virtual Escape Room event which will take place between the half term break and the Easter holidays. We hope this will be a fun event for everyone and will help us to raise some money for our school.

We'll send more details about pricing, date and how to sign up after the Easter holidays but for now would like children and their families to help choose a theme for the event by completing the survey at this link **before 19<sup>th</sup> February**. <https://www.surveymonkey.co.uk/r/RCNMXWY>



## Year 9 Natural Forms in Ice Photography

Well done, Year 9! Some truly beautiful photographs of natural forms in ice. Photographs by Josh Jarvis, Katie Richards, Luke Lynch, Saku Shibazaki & Thomas Marvulli.







## Japanese & Chinese Taster Workshop: 25<sup>th</sup> February - Year 12

This workshop will be an opportunity for students to get a taste of the Asian and Middle Eastern course at the University of Cambridge. Led by Dr Laura Moretti and Ms Shen-Hsing Hong, we will explore both the Japanese and Chinese elements of the course.

There are 20 spaces available for this interactive session, and no language experience is required. At the end of the session, there will be a chance to ask

questions of Dr Moretti, Ms Hong and a number of current students.

The Workshop will be held **4.30-6pm, Thursday 25<sup>th</sup> February 2021, over Zoom.**

Apply here ([https://cambridge.eu.qualtrics.com/jfe/form/SV\\_54IXa4TH459DmL3](https://cambridge.eu.qualtrics.com/jfe/form/SV_54IXa4TH459DmL3)) by Thursday 18th February, noon (including parent/guardian consent). Open to Year 12 (or equivalent).

## Emmanuel College Students' Union: BME (Virtual) Shadowing Scheme

Led by Emmanuel's Students' Union, the BME Shadowing Scheme is open to Year 11 students from our link areas of Sheffield, Essex, Thurrock, and Southend-on-Sea, who identify as being part of an underrepresented ethnic group.

The programme will run from March 2021 through to July 2021, involving mentoring from current students, the opportunity to 'try out' new courses through the 'subject strands' (via lectures & supervisions), and get insight into what it might be like to be a student at the University of Cambridge. The programme will run virtually, over MS Teams/Zoom, but we hope to invite participants to Cambridge for the final celebration of the programme.

Each month will have a theme:

March-April: Welcome to Cambridge & Subject Introduction (lectures & group supervision focussed on subjects not covered at school)

April-May: Student Life (socials with mentors)

May-June: Subject Support (lectures & group supervision focussed on supporting school-based learning - e.g. study skills & GCSE to A Level transition)

July: Celebration (dates TBC; may be later in the year, COVID-dependent)

If you would be unable to participate in this programme due to connectivity issues, lack of device access, caring



responsibilities, or something else beyond your control, please email [slo@emma.cam.ac.uk](mailto:slo@emma.cam.ac.uk).

Apply [here](#):

[https://cambridge.eu.qualtrics.com/jfe/form/SV\\_6JMirzKEMbY6rXf](https://cambridge.eu.qualtrics.com/jfe/form/SV_6JMirzKEMbY6rXf). **Deadline for applications INCLUDING PARENT/GUARDIAN CONSENT is Friday 19th February 2021; we aim to inform successful applicants by 1 March 2021.**

Email [slo@emma.cam.ac.uk](mailto:slo@emma.cam.ac.uk) with any questions.

### Intermediate Japanese Taster Workshop: 4 March 2021, Year 11

This workshop will be a chance to engage with Japanese language and culture, for Year 11 (or equivalent) students across the UK.



There will be 20 places available for students who already have some experience of Japanese – whether self-taught or at GCSE level.

This workshop will be held by Dr Laura Moretti, who specialises in pre-modern Japanese studies, and discussion will be based around a text sent in advance of this workshop.

There will be an opportunity to ask questions to both Dr Moretti and current students at the end of the session. The Workshop will be held at 4.30-6pm, Thursday 4th March 2021, over Zoom.

Apply here ([https://cambridge.eu.qualtrics.com/jfe/form/SV\\_5yBm3CwTBXGpzd](https://cambridge.eu.qualtrics.com/jfe/form/SV_5yBm3CwTBXGpzd)) by Thursday 25th February, noon (including parent/guardian consent).

### Form distance Challenge

With over 500 submissions in 3 weeks, the competition is firing on all cylinders.

Well done to everyone involved (students, staff and parents and carers). This competition will continue through the half term so keep the submissions coming in.

Below are the scores so far, in place order:

Form Group	Distance (Miles)
10A	394.48226
10U	225.156
9N	220.77
11U	215.747
11T	189.88
7A	151.452101
7L	149.7
12A	127.4
10T	125.0648
7T	125.64
7R	122.8
9A	113
11N	112.32
9U	109.700708
8N	106.607
7N	95.555
11L	92.051
11A	86.47
7U	80.44
8T	77.35
8U	59.35
10L	49.52
8A	40.95
9T	37.05
8L	7.9
9L	5
12L	3.38

Only 300 miles to go for 10A! There is a real fight going on for 2<sup>nd</sup> place with only 100 miles separating 2<sup>nd</sup> – 7<sup>th</sup>. Get those miles submitted!

Special mentions for involvement and mileage completed:

Abby Pearce (Year 9), Miss Gumpert (Staff), Mr Clifford (Parent), James Clifford (Year 7), Dominik Kaminski (Year 11), Miss Olah (Staff), Miss Lundie (Staff), Mr Nicholson (Parent), Jake Hasham (Year 10), Dr Ratcliff (staff), Mr Brookman (Parent), Dr Sheikh (Parent), Mrs Delaney (Parent), Mariyah Sheikh (Year 7), Mrs Bools (Parent), Mr Delaney (Parent), Mr Berrett (staff), Mrs DeHavilland (Parent), Miss Riglin (Staff).