

Scarborough UTC News Flash

Friday 7th October 2022

INTRODUCTION

Dear Parents and Carers,

A quick heads up:

Tuesday sees our year 9,10, 12 and 13 students go to the spa to visit and experience the Engineering week - I'm pretty jealous to be honest as this is such an awe-inspiring event, if you can get to it, I do recommend a visit.

Also, on Tuesday, from 3-5pm college is open so that any prospective parents can come and take a look at us in action and see our fabulous site – as it says below, please spread the word.

Thursday at 5.30pm we are holding our revision event for all parents and students in Year 11. Any parent attending will get 5 entries into the raffle for a £30 shopping voucher. We will start in the Hall and then parents will have the opportunity to see each subject lead, gather resources and advice. The whole event will take up to an hour at most – so please do come and support your child. If you are unable to make it, then please send your child on their own.

We are really pleased to be part of the “Start a heart” campaign, this will take place with all students next Friday.

Advanced notice: Friday 21st October will be a non-uniform day in support of “Wear red for racism”. Students who wish to support this MUST wear a visible item of red clothing as part of not wearing uniform and we ask for a voluntary contribution of £1 which we will go towards the local Rainbow Centre. This is not compulsory, any child who doesn't want to support this may wear uniform as normal.

Mrs H Dowds

Principal

LEARNING THROUGH TEACHING@SUTC

This week Tom Clarke from Severfield delivered an introductory session to our Y13 mechanical engineering students to introduce a contextual project focussing on bridge design and material science. Students are being tasked to consider corrosion resistance methods and redesign of the Esk bridge in Whitby. As a part of the project students will receive engineer led masterclasses in bridge design and load calculations. They will then have to apply this knowledge, and their own research and development skills, to design, model and manufacture a scale bridge to fit the project brief. The project will conclude with a presentation to Severfield engineers who will give feedback and decide on the most effective design.

Today the same students took part in a visit to Severfield in order to find out more about what Severfield do and how they do it. The visit formed part of their Project Based Learning activity. Students were given a tour of the

production line from raw material entering the building to the finished product exiting at the end. This was a unique opportunity to see a structural engineering production line, with the experience enjoyed by all. Many thanks to the Severfield team for coordinating and facilitating our visit.

These are great examples of how our employers work with us to enhance learning, and offer unique opportunities to our students at Scarborough University Technical College.



BEHAVIOUR & SAFETY

Students have approached the return to college in a very mature manner with excellent business dress, we have been impressed with their attitude to personal responsibility and approach. Moving forward it is vital that each student continues to only use own personal equipment in line with the list on the website, this includes stationery, maths set, earphones and scientific calculator. All students follow an enrichment program on Friday period 4 and 5. This provides extended projects and opportunities for activity and study with the focus on long term development of personal skills and the honing of curricular skills with a project focus. Options include CCF, F1 in schools and fabrication.

TECHNICAL EXCELLENCE

News from Programmable Systems this week.

Year 9 have been working together in their robot teams to complete their Pre-assessment task getting used to the VEX VR coding platform and various playgrounds. I've tasked them with having a 'play' with the code knocking over castles / navigating mazes but the key focus in lessons this week was to use the assessment criteria to guide their team efforts in a slides presentation they are creating using Google Classroom. Every student has created their own presentation but has had to check in with their partner about how well they think they have covered the success criteria. It's the first time I've used a rubric / marking grid within Google Classroom and I am looking forward to seeing how using this within the Y9 has enabled students to really take control of their learning. We had some good conversations in lesson, and I'm really pleased how much they seem to be enjoying learning like this.

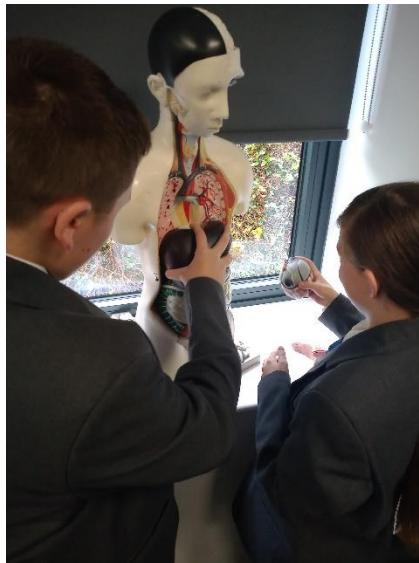
I've shared a link to an online event on Saturday in Google classroom - called **NexGEN - the changing face of space** with Dr Ciara McGrath, Lecturer in Aerospace Systems at the University of Manchester, with expertise in Astrodynamics and Space Mission Design. She is the Institution of Engineering and Technology's (IET) Young Woman Engineer of the Year 2021, and has appeared on TV, radio, and podcasts, and given a TEDx talk, promoting engineering and the space industry to a wide audience. This will take you to the site - **[changingface0810.eventbrite.co.uk](https://www.eventbrite.co.uk/e/changingface0810)**. There are so many aspects of engineering to do with space, from tackling climate change to satellite communication to space station design, or the origins of the universe with the James Webb space telescope - why not take a look and see what Dr McGrath has to say?

Year 10 students in Systems have been completing a timing circuit and undertaking first testing. Nearly everyone managed to light an LED, but the timing part is not working yet for everyone, congratulations for Nathan for getting his circuit fully functioning really good to see, and we also had some cheers in the class when connections were corrected and lights started flashing, it is so good to have these moments, as literally, lights come on! We will be progressing to electrical testing, and applying these to make sounds too.

Y11 are working on completing coursework, and you will have had messages about our after-school support sessions as well as completing the independent study tasks linked to mock exam preparation. We need to support our Y11's to manage their workload, and anxieties moving forward, and I find that regular study tasks, working with a mark scheme (again on GC) are great for that, so please do check in with your child about their independent study and how it is going for them. Have a great weekend, from Mr Brown

SCIENCE

This week our Year 9 students have been using the model to learn how their organs form organ systems as part of the work on Organisation.



This week our Year 11 Investigated the structure of DNA as part of their study on reproduction, before they continue their learning journey onto studying genetics.



ENGLISH LITERATURE

**Mary Wollstonecraft: Paris
1792-1793**



Mary Wollstonecraft could discern little that was beautiful as her coach rolled through the city gates into the French capital and onto the Boulevard Saint-Martin. It was mid-December 1792, and the horses splattered through the dirty streets, splashing mud on the hapless pedestrians who were trying to avoid the deep sinkholes between the paving stones.

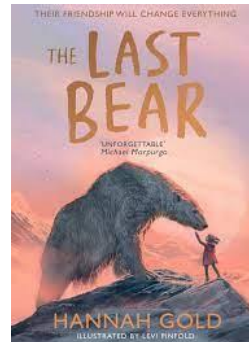
The city looked scarred: statues of the French monarchs had been pulled down or defaced, leaving empty pedestals and piles of marble; iron railings had been ripped off windows to make pikes for the workers to carry as weapons. Signs were posted on the street corners warning people not to cheer for the king. The sansculottes, the revolutionary workers, wearing their trademark striped trousers and liberty cockades shook their standards- "an old pair of breeches...on the top of a pike"- at anyone who looked too aristocratic; Mary had been told not to speak English on the streets, as people believed English visitors were either nobles in disguise or spies. Even the name of shops, streets, bridges, and towns had been changed to eradicate any royal allegiances.

Eventually, Mary learned to thread her way through the rabbit warren that was eighteenth century Paris, the streets so narrow they were like passageways. Although she rejoiced in the architecture of the Marais, the buildings were taller than in London and set more closely together, shutting out the sky. A seventeen foot stone wall surrounded the city. If you did not have the right paperwork, you were not permitted to leave, a precaution that allowed the authorities to block the fifty-four tollgates at will. Not that Mary wanted to escape, but the city was claustrophobic. Walking was unpleasant; she hated the dirty streets. Like Londoners, Parisians dumped waste out the windows, but in Paris

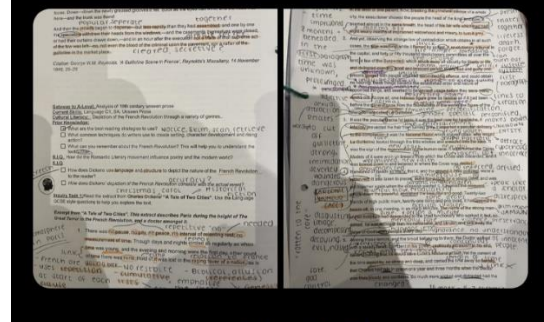
Y9 and Y10 will be studying the use of language in this historical biography of Wollstonecraft's response to King Louis XVI execution. Using the idea of 'noticing' as our key method & challenging texts & stories.

Well done to Josh Milner Y9 on completing his reading of *The Last Bear* by Hannah Gold!

Josh recommends it so much that I will be reading it next!



Fantastic 'noticing' happening with Y10 today! Really rich discussions about Dickens' style.



Lovely way of organising ideas after our 'noticing' activity.

Q How does the writer depict the goblin?
Words, phrases and structure.

Evidence	Impression	Comments
People there is "jests"	The new source of entertainment	Jest - Jester
"Richard Roter which showed class"	Sign of a public society	
"sign of the regeneration"	It's the end and the new beginning	Regeneration
"Based down to and below in where the scene was dressed"	The goblin is representing the chaotic religion in France during the revolution	Based below
"It was the goblin that was pulled down a rotten red"	the goblin is evil and is a bloody humanity	Blatant
"Like a big mouse for a young devil"	the goblin is from demons and they're innocent	Rather David Parole

Progress Check 2

What impression does the reader get of the Doctor.

Evidence	Impression	Comments
"The doctor walked with a steady hand"	The doctor is not phased by the horror around him	Steady
"Candidate in his power, candidly persistent in his and never doubting"	Very determined and won't give up easily. Not guilty for question himself	Brash
"No man better known than me as a stranger"	Experienced and professional	

COLLEGE OPEN EVENTS

Next Tuesday 11th October and Thursday 3rd November we will be holding our Open College Events. Please can you help spread the word with family and friends.



DATES FOR YOUR DIARY

Forthcoming Events

Year 11 Parents Information Evening is scheduled on Thursday 13th October 2022

Time: 17:30pm – 18:30pm

Location: College Hall

Year 9, 10, 12 Settling in Evening is scheduled on Wednesday 19th October 2022

Time: 4:30 - 7:30pm

Location: College Hall

This is an opportunity to schedule a parent appointment with Tutors and speak to curriculum Directors and Pastoral staff.

Autumn half term:	Monday 24 th October to Friday 28 th October 2022
College Open Afternoon:	Tuesday 11 th October 3pm – 5pm Tuesday 1 st November 3pm – 5pm

Professional development training day:	Friday 2 nd December 2022
Christmas holiday:	Monday 19 th December 2022 to Monday 2 nd January 2023
Professional development training day:	Tuesday 3 rd January 2023
First day of spring term for students:	Wednesday 4 th January 2023
Spring Half term:	Monday 13 th February to Friday 17 th February 2023
Easter holiday:	Monday 3 rd April to Friday 14 th April 2023
First day of summer term for students:	Monday 17 th April 2023
Bank holiday:	Monday 1 st May 2023
Summer Half term:	Monday 29 th May to Friday 2 nd June 2023
Term ends:	Friday 21 st July 2023
Professional development training days (given in lieu):	Monday & Tuesday 24 th /25 th July 2023