

**Scarborough UTC News Flash**  
**Friday 11<sup>th</sup> March 2022**

**INTRODUCTION**

Dear Parent/Carer

This week we have been marking International Women's Week at the UTC.

This important event was marked in the first instance on Tuesday morning by dividing the males and females in college so that they could attend gender specific events. The female students and staff had a session to discuss the meaning of International Women's Week and the male students and staff attended a virtual workshop in the hall from a group called Beyond Equality to discuss masculinity in the modern world.

In college we often focus on inspiring people from the fields of engineering, computer science and health, many of whom are women and we hope that these stories of these individuals and their often, pioneering work, help to inspire our female students to go on to do great things in their future careers.

In yet another harrowing week, as we continue to hear and read about the war in Ukraine I wanted to mention the spirit, resilience and determination of women in Ukraine. Whilst men of a certain age are required to stay in Ukraine and fight in the war, 100s of thousands of Ukrainian women have been forced to leave their country and loved ones behind and travel across Europe on their own, perhaps with babies and young children and even being pregnant to find safety for them and their families. They will of course hope to see their loved ones and homeland again however in this very uncertain time there are no guarantees of this. It is a sad situation but I think the Ukrainian people are immensely inspiring. We can only hope that a peaceful solution can be found as soon as possible.

*Women are leaders everywhere you look—from the CEO who runs a Fortune 500 company to the housewife who raises her children and heads her household. Our country was built by strong women, and we will continue to break down walls and defy stereotypes.*

Nancy Pelosi

*I raise up my voice—not so that I can shout, but so that those without a voice can be heard.  
... We cannot all succeed when half of us are held back.*

Malala Yousafzai

Thank you for your support.

**Mr. Kilgour**  
**Principal**

## T&L@SUTC

Our whole college project based learning activity, taking place during Friday enrichment sessions for the last half term, has now come to an end. The project culminated with student teams presenting to five Unison engineers and managers, demonstrating their presentation skills through communication of their project approach and outcomes. This included product design and manufacture, team profiles, project costing, time management and the use of Gantt charts and general project management skills. The Unison team were hugely impressed with the product designs produced by all teams, and with the outstanding effort many had put into their final presentations. Student outcomes were testament to the ethos and employability skills embedded within all subjects at Scarborough UTC. The successful teams will be announced during a special assembly on 21/3 with the winning students receiving Amazon vouchers and Unison branded gifts.

## TECHNICAL EXCELLENCE

News from Systems Control this week; Students have had a fantastic week in Systems Control this week, with practical circuit building and testing in Year 10, followed by CAD coursework. Students have really impressed with their focus and attention to detail. With us continuing with coursework, I'd like to commend the maturity shown by our Year 10 students as they meet the challenge of GCSE level systems, a course they have not studied prior to coming to Scarborough UTC.

Year 11 have been making strides with their Process Control coursework - this week analysing the programming in devices such as a car engine, washing machine or microwave in relation to its' input sensors and output devices - again with a really positive sense of understanding. Our Y12 and 13 students have had a theoretical focus on electronic and electrical design - investigating the uses of magnetic screening, and what electromagnetic compatibility means - in other words, protecting sensitive electronics from electromagnetic radiation.

The week has been capped by a visit from the Royal Navy, to meet our Y10 and Y11 enrichment students involved with the Royal Navy precision challenge - which was paused last year due to Covid, but is now live! We are so excited to have a team from Scarborough UTC competing in this National competition for UTC's - and the team were buoyed with the fact that a lot of their work using VEX robots can be used as research into their team portfolio. This is fantastic for them to hear, and I was so pleased to see how speaking with Paul from the Navy, how their confidence levels were boosted; they have made strong progress, and together with support from some of the Y10 robotics students, we should have a really good chance of doing well in the competition - to build a remote-control vessel which can retrieve a variety of objects from the seabed (scaled down!) Have a great weekend! from Mr Brown

## ASSESSMENT AND CURRICULUM

**All Years:** All assessment information, Attendance, Professional values, behaviour and target information is published on the "My Child at school" app. This is a secure and personal portal that allows you to assess the progress of your child at any time. Invites for the portal have been issued. If there are any issues accessing the app, please report this to

[enquiries@scarboroughutc.co.uk](mailto:enquiries@scarboroughutc.co.uk) for further assistance. Registering for the APP is vital as this is the primary method of regular communication to parents.

### **Behaviour and Safety**

It is important to continue the highest standards of business dress policy. Please check and ensure that equipment, stationary and **scientific calculators** are in good working order.

Maintaining 100% attendance is important to ensure we can continue to support progress effectively. Students are supported through tutor time with attendance challenges. Attendance is a very important focus for all students to ensure we can support attainment throughout the Spring term. A hard-working environment is vital to ensure students feel safe and make continued progress.

Firstly, structures are in place to guarantee that all students gain best opportunity to meet high standards and are recognised for hard work in areas identified by **Professional Values** and **Employability Skills (PVES)**, these positive points are identified on your MCAS parental account. By tracking this information regularly, you will be able to identify areas of strength and development for your child

### **Curriculum, Feedback and Assessment**

#### **Y10 & 12**

Good routine revision practice is essential in Year 10 and 12. Students complete a number of assessments across statutory subjects and Engineering or Health Pathways, it is important that students pay due attention to coursework deadlines and revise regularly.

#### **Y11 & Y13**

Assessment Data Analysis for the scheduled PPE's is now taking place.

Student's received results formally, by envelope on Thursday 10<sup>th</sup> March. Please use this opportunity to support progress and develop revision routines. Exams will start in 7 weeks.

Y11 and 13 progress evening will be held on Thursday 17<sup>th</sup> March and you will receive an invite for appointments via My Child at School. Please see the letter for details of the event. We look forward to seeing you next week.

### **SIXTH FORM**

Year 13 have been given their PPE results. Students have copies of their summer exam timetable. It is just 7 weeks until exams start so revision plans and homeworking are key at this time.

Year 13 had a great time bowling last week with Mr Kilgour. Congratulations to Mark for winning the competition.

Manchester Metropolitan University presented information about their courses to Year 12 students.

## Oxbridge

### Subject Exploration | Thursday 17th March 2022, 6pm YEAR 12 | [Sign-up here](#)

We hear of super-curricular research all the time – and that it can help students gain a fascination for a subject and bolster university applications. But what exactly is a super-curricular activity and how is it done? Find out more in this session which covers where to find inspiration at home, at school, and, once pandemic restrictions are loosened, at museums, art galleries and elsewhere. We will also cover thinking critically and building up intellectual ideas and arguments

Brasenose College (Oxford University) and St Catharine's College (Cambridge University) are introducing a brand-new competition *exclusively for Year 11 and Year 12* students at state schools in North Yorkshire.

We would like individual students to research, write and create a short (8-12 minute) lecture on a topic of your choice. Your lecture should be a 'talking head' style though feel free to make use of props (e.g. quoting from a book, playing some music, demonstrating a concept with an object) if you feel it adds to your explanation. Then again, if your lecture doesn't include any props, that's also totally fine. Need inspiration? Our friends at Massolit have kindly agreed to allow free access their video resources for a limited time (more details on this soon but most likely free access will be something like 20<sup>th</sup> March – 20<sup>th</sup> April)

And/or you can also see the winning entries to a similar video competition here.

<https://youtu.be/FwgiO371Tqg>

[https://youtu.be/zvB\\_LyBdWwO](https://youtu.be/zvB_LyBdWwO)

(please note all these examples are humanities but we **VERY MUCH** welcome science entries too).

**The deadline for entry will be 26<sup>th</sup> April.**

Entries will be judged on:

- the educational value of the lecture – does the viewer learn something interesting and unexpected?
- the clarity and concision of the script – is the material structured in a logical way?
- confidence and clarity of delivery – is the speaker looking at the camera? are they speaking loudly and clearly?
- creativity and originality. Find something a bit different to talk about and add your own views, interpretations and personality in.

We will not be judging the production quality of entries, so please don't worry about what you shoot your video on, and please don't waste any time on post-production.

**How to enter:**

Once you've created your video lecture, please upload it to YouTube and set it to 'unlisted'. If you don't already have a YouTube account, they are free and easy to set up! Then email the

URL link to your video to [schools@bnc.ox.ac.uk](mailto:schools@bnc.ox.ac.uk) with the subject line 'Video Essay Submission', along with the following details:

- Full name
- School:
- Year Group
- Email

#### **Prizes:**

£50 Amazon voucher for winner

£20 Amazon voucher for two runners up

Plus infinite kudos

### **ETHOS**

Our theme of the week has been Women's Rights we have had assemblies from Mrs Fearnough on inequality and the gender inequality in the world today. Male students had a workshop with a national charity called Beyond Equality of positive masculinity. Beyond Equality is a charity working across the UK to promote healthy behaviour and an awareness of gender issues amongst young men and boys. The project was about negative stereotypes and attitudes held by boys towards marginalised genders - as well as themselves - that can lead to violent behaviour in later life. More details on how to support your child can be found here: <https://www.beyondequality.org/>

Female students took part in a workshop led by Miss Bailey on female stereotypes for International Women's Day.

### **CAREERS**

Our Year 10 students all took part in mock interviews on Thursday with local employers. They did a great job in speaking to the employers and developing their speaking skills. Thanks to Third Energy, Northern Powergrid, First Light Trust, Anglo American, Castle Group and Beyond Housing for their support for this initiative. Your child's feedback from the employer has been emailed to you and to them via our school system.

These were some of the comments the employers had about some of our Year 10's.

"Wow – what an interesting young person ... who ever employs him will be very lucky"

"He displayed a detailed understanding of engineering and his future progression"

"Communicated very well and provided well thought out technical examples to the questions asked".

"Very passionate and shows initiative"

"Very ambitious"

"Confident and positive throughout"

"Very engaging and shows determination"

Year 11 students interested in an apprenticeship should register on [apprenticeships.gov.uk](http://apprenticeships.gov.uk)

Below are links to our partner employer vacancies:

Anglo American	mining Polyhalite <a href="https://www.angloamerican.com/careers">https://www.angloamerican.com/careers</a>
McCain	food product development and manufacture <a href="https://www.mccain.com/careers/students-graduates/">https://www.mccain.com/careers/students-graduates/</a>
GCHQ	cybersecurity <a href="https://www.gchq-careers.co.uk/early-careers/apprenticeships.html">https://www.gchq-careers.co.uk/early-careers/apprenticeships.html</a>
Firmac	manufacture of duct forming machines <a href="https://firmac.co.uk/home/careers">https://firmac.co.uk/home/careers</a>
Unison	manufacture of tube bending machines <a href="https://www.unisonltd.com/careers/">https://www.unisonltd.com/careers/</a>
Deep Sea Electronics	PCB manufacture and generator controller development <a href="https://www.deepseaelectronics.com/careers">https://www.deepseaelectronics.com/careers</a>
Northern Powergrid	supply of electricity across the North <a href="https://careemap.co.uk/northern-powergrid-apprenticeships/">https://careemap.co.uk/northern-powergrid-apprenticeships/</a>
Severfield	structural engineering <a href="https://www.severfield.com/apprenticeship-opportunities-severfield/">https://www.severfield.com/apprenticeship-opportunities-severfield/</a>

### COMBINED CADET FORCE

Cadets from Scarborough CCF RN were very fortunate indeed to visit GCHQ Scarborough during one of our enrichment sessions.

Cadets were given a short presentation about how GCHQ fits in within the world of intelligence gathering and given an insight into the world of the Secret Intelligence Service. Although nothing secret was divulged for obvious reasons.

Given what is happening in the world currently the cadets were fortunate to be given the opportunity to visit the site and they were able to access the museum. Scarborough GCHQ has been operating continuously since 1912 when the Royal Navy established a Wireless Telegraphy station and despite relocating to its current site in 1943 has 'listened' continuously since that first site in 1912.

The cadets visited the Bunker - an original listening bunker that now houses the museum. The museum tells the history of the sites in Scarborough and details the development of the kit (some of which has only just been declassified) used to listen in on the world to gather intelligence.

There is also one of the Enigma machines captured from the German Navy during the second world war, decrypted by Alan Turing and his team at Bletchley Park during the war and the cadets were able to see up close this piece of world history and hear the story about Mr Turing and his team with their involvement in saving countless lives and shortening the war by years.

Scarborough UTC continue to give opportunities to cadets that would not normally be experienced by many people. It strives to develop the cadet to be more confident in themselves, experience activities out of their comfort zone and develop the young person to be the best that they can be.

As Covid restrictions have been lifted it is hoped that the cadets will thrive. They will have access to Leadership courses, camps, Duke of Edinburgh Scheme and a new venture of a partnership with Wykeham Lakes, giving us sailing and other water sport activities. Many activities are free or subsidised to the cadets.

If you are interested in joining us in CCF please speak to either Lt Woolley or S/Lt Faunt at college.



#### DATES FOR YOUR DIARY

Easter holiday:

Monday 11<sup>th</sup> April to Friday 22<sup>nd</sup> April 2022

First day of summer term for students:	Monday 25 <sup>th</sup> April 2022
Bank holiday:	Monday 2 <sup>nd</sup> May 2022
Summer Half term:	Monday 30 <sup>th</sup> May to Friday 3 <sup>th</sup> June 2022
Term ends:	Friday 22 <sup>nd</sup> July 2022