



# Newsletter

**Friday 25th September 2020**

# Engineering

Engineering learners are all continuing to study their BTEC courses, whether this be Level 1, 2 or 3.

Year 10 and 11 are studying Computing, focusing on graphics. Our Engineering students are focusing on the engineering world, learning about the design process, and some are learning about workshop tools and equipment too. There is some amazing work being produced.

Sixth form have been learning a variety of different units, including Maths, Physics, researching the use of products, and manual drawings and CAD drawings, for both Civil and Engineering programmes, as well as BIM. Our Engineering students have been practising coding on Arduino, in preparation for their Unit 6 exam.



## Art

We are delighted to share with you Jack Broadhurst's fantastic start to his amazing A-Level Art and Design course. Jack is embarking on a project that researches and explores the characters, costumes and special effects within TV and film, starting with Star Wars! Well done Jack! We're proud of you.



## Science

The Applied Science group have been growing in confidence and developing their scientific knowledge and skills. This week they have been working on how temperature affects the rate of reaction in enzymes. Some amazing work is being completed. Well done!

# English

There has been some amazing work in English this week, so I need to do some shout outs for the fantastic work they have produced.

Amandeep  
Swalley

Harley  
Gallop

Nathaniel  
Humphries

Cerys  
Sims

Elliot  
Walsh

# Maths

Callum Mackie has been nominated student of the week for Maths. He has shown an excellent work effort. Well Done Callum!

This week our Year 11's have been working with decimals, areas and perimeters, and discovered their effect and importance in the engineering world. Our Year 10's have a Unit 1 test next week and need to revise for this using Active Learn of Maths Genie.

## Homework

Homework for Maths is set on [Pearsonactivelearn.com](https://www.pearsonactivelearn.com)

Username: Their full name, for example JohnSmith and password: Changeme123.



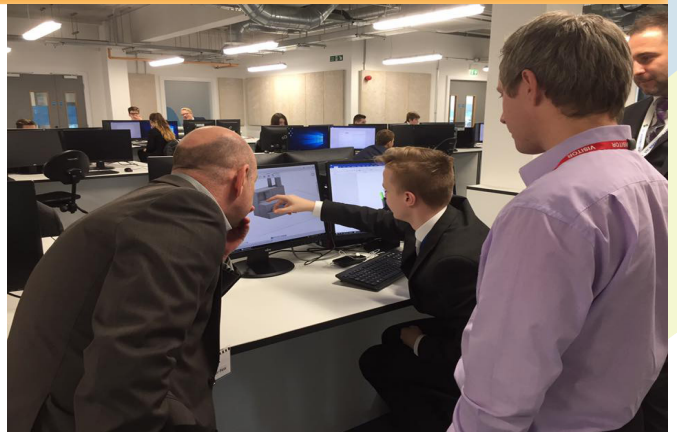
# Computer Science

Year 11 students have started on the controlled assessment, in order to develop their programming skills. This is a twenty-hour project, where the students have to plan, develop and test their code. I could mention a large number of students, but a special mention for Jamie Cooper-Holmes and Ethan High for a very positive start.

**Homework is being set through Seneca, so students need to log in and check using the code 3jxiekkti**

Year 10 students have been looking into Application Software and where it is used, as well as number bases. Special mention to Levante Grund and Dominic Whittles for a positive start to Year 10.

**Homework is being set through Seneca, so students need to log in and check using the code bkujawm56**



Sixth form students have the opportunity to make the most of some of our employer partners. Fujitsu, Vodafone, FDM Group, SAP & FIS have created a Getin2tech; a free, virtual three-day event of webinars, panels and networking events, for anyone looking to secure a role in the tech sector.

Running from the 29th September – 1st October, delegates will learn about key topics in technology from leaders. They'll get first-hand advice from recruitment teams and recent graduates about nailing interviews and making strong applications. With daily networking sessions, they will find out more information about graduate, apprentice and intern opportunities from each employer.

The sessions are all free to sign up to, and more information can be found on our website here: **[www.getin2tech.com](http://www.getin2tech.com)**



Year 11 students have started the year by catching up on coursework for R082. The students need to create an image based on images of the local area. If the students are out and about over the weekend, please take images of key features in Warrington and surrounding areas. As well as this, students need to begin learning the content for the R081 exam in January. The content information is in the students' knowledge organisers.

Year 10 students have been working well on their animation work. They have been set homework via Teams, which is a research report looking into the theory behind animations. This homework is due in for the end of half term, but should be chipped away at every week.



## Careers Information Advice and Guidance (CIAG)

### **Northern Nuclear Alliance work experience launch - Friday 25th September**

Just a reminder that we are launching the Northern Nuclear Alliance work experience programme tomorrow. This is an opportunity for students to work with Sellafield, Cavendish and KBR over four weeks. Representatives from Cavendish and Sellafield will be in tomorrow morning to speak to students about the opportunity.

### **Year 10 PAT groups - 8:30 am**

### **Year 11 Assembly - 8:45 am**

### **Year 12 Assembly - 9:00 am**

### **Year 13 - 9:30 am**

Information regarding the opportunity and an application form are available on the work experience channel in the destinations 2021 team.

For those students wishing to go to university in the future, UCAS are organising a Virtual Expo. This is your perfect opportunity to meet universities, ask questions, speak to subject experts, and compare courses ahead of the deadline.



### **Maths, Engineering and Computing**

<https://www.ucas.com/events/ucas-virtual-expo-maths-engineering-and-computing-376051>

### **Science**

<https://www.ucas.com/events/ucas-virtual-expo-biological-and-physical-sciences-375976>

## **Enrichment**

UTC Warrington has amazing enrichment opportunities that the students can take advantage from. Engineering enrichment will include learners using the workshop to learn various skills, such as welding and lathe projects.

## **Duke of Edinburgh**

Students in Year 11 and 13 who had previously enrolled, need to complete the Skills, Volunteering and Physical sections, and they will receive the certificate of achievement. This is only being awarded whilst Covid restrictions are in place. In terms of the expeditions, we are reviewing this situation based on government guidance and will advise when we have an update.

## **Extra-Curricular**

Virtual Work Experience for NMCN was launched on Monday 21st September to Year 12 and 13 learners. Six learners were selected and have been asked to split into three teams, as follows:

**Mechanical Engineer    Electrical Engineer    Civil Engineer**

All teams are to compete against each other, to design the footings and pipework for a large water unit to be installed into the ground. Learners are expected to attend weekly Teams meetings on Mondays with UTC staff and NMCN staff Paul Foden, John Marsh and Kingsley Harrison, to discuss their progress and present their findings. They will develop their manual drawing skills, project management and CAD skills using AutoCAD Mechanical 2D and 3D, alongside Navis Simulate. The project should end between 18th December and 13th February.

Additionally, learners in Year 13 are due to start Virtual Work Experience with DATS; a local CAD company. The project will be launched on Wednesday 30th September at 3pm, via a Teams meeting with four Year 13 learners. The project will involve redesigning a car to make it more sustainable, via manual sketching techniques and using Fusion 360 and Inventor.

All work experience students will be required to work for at least five hours per week independently with their teams, to complete the project with link employers.



## Work for students who are self-isolating

All work will be set via Microsoft Teams. It is vital that students check their chat inbox and assignments if they are at home. Teachers will set work which is based on the lessons they have missed. It is the students' responsibility to complete this work, to ensure they have no gaps in their knowledge.

<b>English</b>	A link to the relevant work on Macbeth (Year 11) or a Christmas Carol (Year 10) will be sent via Teams.
<b>Maths</b>	A link to an Oak academy lesson or Active Learn will be sent via Teams.
<b>Science</b>	A link to the relevant work on Kerboodle will be sent via Teams.
<b>Engineering &amp; Construction</b>	Instructions on which coursework to continue with, will be sent via Teams.
<b>Geography</b>	A link to an Oak Academy lesson will be set via Teams.
<b>Computer Science</b>	A link to an Oak Academy lesson will be set via Teams.
<b>I.T</b>	Instructions on which coursework to continue with will be sent via Teams.
<b>Art</b>	A link to an Oak Academy lesson will be set via Teams.
<b>Sport</b>	A link to specific work to complete will be set via Teams.

# INSPIRING TECHNICAL CAREERS

## Open Evening

On Thursday, we opened our doors to prospective students. It was a fantastic evening, where students and parents got to meet staff, to see our fantastic state of the art facilities and to meet our employer partners. We look forward to meeting you all again soon.





# Key Contacts

<b>Safeguarding</b>	Jemma Chilton	JChilton@UTCW.co.uk
<b>Reporting Attendance</b>	Paul Rigby	Attendance@UTCW.co.uk
<b>Pastoral Team</b>	Andy Johnson	AJohnson@UTCW.co.uk
<b>SEND</b>	Sam Lee	SLee@UTCW.co.uk
<b>Finance, Free School Meals, Parent Pay</b>	Lindsey Devine	LDevine@UTCW.co.uk

# Key Dates

<b>Term Dates 20/21</b>	<b>Date of opening</b>	<b>Date of closing</b>
Autumn Half Term 1	Wednesday 2nd September 2020	Friday 23rd October 2020
Autumn Half Term 2	Monday 2nd November 2020	Friday 18th December 2020
Spring Half Term 1	Monday 4th January 2021	Friday 12th February 2021
Spring Half Term 2*	Monday 22nd February 2021	Thursday 1st April 2021
Summer Half Term 1**	Monday 12th April 2021	Friday 28th May 2021
Inset Day	Friday 26th June	
Summer Half Term 2***	Monday 7th June 2021	Friday 9th July 2021

# PSHE

Kooth, the Mental Health Charity, has produced a booklet to help students and the transition back to school.

**Please see the link [https://xenzone.com/wp-content/uploads/2020/08/Kooth\\_back-to-school-support-brochure\\_AW.pdf](https://xenzone.com/wp-content/uploads/2020/08/Kooth_back-to-school-support-brochure_AW.pdf)**

Next week's theme is looking at Body Image. Mr O'Donoghue will be delivering assemblies to all year groups across the week. Year 10's and 11's will learn about Leadership skills, as well as receiving their weekly PSHE lesson on excellence and kindness.

## Support



## MENTALLY HEALTHY SCHOOLS

The coronavirus pandemic has upended our normal way of life.

Schools are now welcoming children back to school- not after a break of a few weeks like normal, but after several months.

Understandably, the return to school may be an anxious or difficult time for children and parents.

Mentally Healthy Schools have created a set of practical resources to help make the transition back to school easier for everyone.







They're designed to be social distancing-friendly, and many can be adapted to be delivered remotely in the case of local lockdowns. There is advice and guidance for parents, and activities for students.




[https://www.mentallyhealthyschools.org.uk/mental-health-needs/rebuild-and-recover-resources/?utm\\_source=DfE&utm\\_medium=bulletin&utm\\_campaign=rebuildrecover](https://www.mentallyhealthyschools.org.uk/mental-health-needs/rebuild-and-recover-resources/?utm_source=DfE&utm_medium=bulletin&utm_campaign=rebuildrecover)

# Keeping COVID Safe

Parents, please continue to support us with pick-up and drop off by:

- Parking away from school
- Wearing a face covering
- Sanitising your hands on entry
- Any appointments need to be made in advance with a member of staff

Do not enter if you have any symptoms of COVID-19 	Sanitise your hands on entry 	Please follow the one-way arrows 
Only 1 adult for pick-up and drop-off. 	Keep a safe distance from others. 	

  		
What to do if...	Action needed	Return to school when...
My child has coronavirus symptoms	<ul style="list-style-type: none"> <li>* Do not come to school</li> <li>* Contact School</li> <li>* Self-isolate</li> <li>* Get a test</li> <li>* Inform school immediately about test result</li> </ul>	The test comes back negative.
My child tests positive for coronavirus	<ul style="list-style-type: none"> <li>* Do not come to school</li> <li>* Inform school immediately about test result</li> <li>* Self-isolate for <u>14 days</u></li> </ul>	They feel better. They can return to school after <u>14 days</u> even if they have a cough or loss of smell/taste. These symptoms can last for several weeks once the infection has gone.
Somebody in my household has coronavirus symptoms	<ul style="list-style-type: none"> <li>* Do not come to school</li> <li>* Contact School</li> <li>* Self-isolate</li> <li>* Household member to get a test</li> <li>* Inform school immediately about test result</li> </ul>	The Household member test is negative ***If test was positive, see below***
Somebody in my household has tested positive for coronavirus	<ul style="list-style-type: none"> <li>* Do not come to school</li> <li>* Contact School</li> <li>* Self-isolate for <u>14 days</u></li> </ul>	The child has completed <u>14 days</u> of self-isolation
NHS test and trace have identified my child as a 'close contact' of somebody with symptoms or confirmed case of coronavirus	<ul style="list-style-type: none"> <li>* Do not come to school</li> <li>* Contact School</li> <li>* Self-isolate for <u>14 days</u></li> </ul>	The child has completed <u>14 days</u> of self-isolation
We/my child travelled and has to self-isolate as part of a period of quarantine	<p>* Term time holidays, including absence as a result of needing to quarantine, are unauthorised.</p> <p>Returning from a destination where quarantine is needed:</p> <ul style="list-style-type: none"> <li>* Do not come to school</li> <li>* Contact School</li> <li>* Self-isolate for <u>14 days</u></li> </ul>	The quarantine period of <u>14 days</u> has been completed
We have received medical advice that my child must resume shielding	<ul style="list-style-type: none"> <li>* Do not come to school</li> <li>* Contact School as required by the pastoral team</li> <li>* Shield until you are informed that restrictions are lifted and shielding is paused again</li> </ul>	School inform you that restrictions have been lifted and your child can return to school