

UTC

WARRINGTON

INSPIRING
TECHNICAL CAREERS

Excellence & Kindness

WEEKLY

FRIDAY 3RD JULY

BULLETIN

CORONAVIRUS STAY ALERT TO STAY SAFE

- ✔ Keep a safe distance from others
- ✔ Stay home as much as possible
- ✔ Keep washing your hands regularly

STAY ALERT ▶ CONTROL THE VIRUS ▶ SAVE LIVES

ENGINEERING UPDATE

Engineering have been busy populating the future Year 10 and Year 12 Teams folders with tutorials, including how to learn and use Onshape CAD programme, a similar CAD program to one we use at UTCW (Fusion 360), but with easier online access.

Learners have the opportunity to complete tutorials from a basic level to advanced and gain awards as they progress throughout each tutorial. We are also incorporating fun activities such as quizzes and interactive opportunities for various learning abilities for both cohorts.

Engineering are continuing to teach online lessons to Year 12 for units 3, 25 and 26 with additional feedback and support via in college teaching on Thursday mornings with Mrs Owen and Mr Hatherall. These face-to-face sessions are being extended as of this week to include maths teaching for learners with Mr Tunney, Mrs Owen, Mr Hatherall and Miss Graham.

Engineering Modules:

Unit 3 is an external 8 hour controlled assessment. Work your way through the first 3 lessons designing a key fob. Taught by Mrs Owen and Mr Hatherall.

Unit 25 is Mechanical Behaviour of Metallic Materials, taught by Mr Hatherall.

Unit 26 is Mechanical Behaviour of Non-Metallic Materials, taught by Mrs Owen.

Year 12 engineers are also learning about fluid power this week. Specifically, the hydraulic systems used in the automation industry using some interactive resources provided by SMC Pneumatics.

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SCIENCE UPDATE

Greetings Scientists! Following another enjoyable week in our in-school bubbles those who couldn't make it can find each week's work on the [Home Study Guide](#).

Next week's topics include:

- Cell division
- Electric circuits
- Energy!

To help with your home studies we've added some extra resources including weekly Podcasts...yes that's right...you can now listen to your favourite subject in short informative topic by topic audio! Just follow the link or check out the folder in the Science team files tab. [Click here for Science Podcasts](#).

To help with your studies we have created Knowledge Organisers covering the key facts for each topic on Paper 1. Check out the file on the Science team or [follow the link](#).

If all of that just is not enough and you want more...check out these [Daily Science Revision activities](#), 20-minute bitesize activities to keep you learning whilst the rain is pouring!

The summer on-line weekly catch-up programme is coming together nicely so watch this space!

Be well!

#teamscienceUTCW

DUKE OF EDINBURGH

Get logged on and complete your Volunteering, Physical and Skills sections. If you do this DofE are offering an extra award this year. Any questions please email cgee@utcw.co.uk or message Mr Gee in Teams. The **2020 DofE Certificate of Achievement** will recognise the resilience and commitment of participants who've completed their Skills, Volunteering and Physical sections, but simply can't do their expedition right now.

YOUR CAREER STARTS HERE

Secure your future in the engineering, science or technology sectors.
Study with us.
Choose your Year 12 options online. Click here to choose subjects online.



UTC Warrington, Dallam Lane,
Warrington, WA2 7NG
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Supported by...



FUTURE STUDENTS



Year 10

Username and passwords have been sent out for students to access Microsoft Teams. Teachers will be uploading content, so please get involved!

A starter pack will be sent out in the next few weeks with details about uniform, start of term and an enrolment day during the summer holidays.

Year 12

Username and passwords have been sent out. Students can access online resources. Please email subject staff if you have any questions. You'll find them in Teams!

A starter pack will also be sent out closer to the summer break with details about enrolment to UTCW.



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CIVIL ENGINEERING UPDATE

Civil Engineering are teaching Units 8, 9, 36, 37 and 23, in preparation for a September return.

Unit 8 is Building Regulations and Control in Construction.

Unit 9 is Management of a Construction Project.

Unit 36 is Public Health Engineering.

Unit 37 is Specialist Civil Engineering Techniques.

Unit 23 is Construction in Civil Engineering.

These modules are taught by Miss Graham and completion of the work will allow students to move onto new topics in September.

NCS UPDATE

The National Citizenship Programme (NCS) run by Warrington Youth Club are looking for year 11 and year 12 students who would like to get involve in their summer programme 'Keep Doing Good'. The programme involves 16 hours of volunteering over a week through July and August working on a range of projects and supporting local charities. Warrington Youth Club have produced a short video to explain the project in more detail, <https://www.facebook.com/watch/?v=698310870963229>

Any students that would like to get involve can contact Rebecca Routledge at Warrington Youth Club for further information:

Mobile: 07432 636826

Direct line: 01925 909676

ENGLISH SHOUT OUT

Well done to the following students who have made a fantastic effort during English this week:

- Nathaniel Humphries
- Jah'nie Williams-Smith
- James Gumley
- Harvey Hankey

ENGINEERING STUDENT OF THE YEAR

The exceptional achievement of Ole Fletcher from UTC Warrington was celebrated last week as he was awarded the prestigious bronze BTEC Award for Engineering Learner of the Year 2020.

Ole, aged 18 was recognised by teachers and peers for his hard work, dedication and commitment to engineering. He started studying engineering in 2016 in Year 10 and Year 11, before progressing on to BTEC Level 3 Extended Diploma in Engineering where he has excelled and demonstrated fantastic organisation and leadership skills. Ole's hard work and dedication was celebrated at the tenth anniversary of Pearson's annual BTEC Awards hosted online on 25 June 2020 at 2pm.

Ole, who has studied at the UTC since it opened in 2016, commented: "I'm really happy to have won this award. By studying a BTEC it has allowed me to excel into my future career thanks to its wide variety of content and relevance to the real world. UTC Warrington has delivered the course with amazing teachers, providing a lot of practical experience along the way."

The 2020 BTEC Awards comprised of 17 categories and was hosted by presenter of the United Stand, YouTube influencer and BTEC Ambassador, Flex, with awards presented by Double Olympic Gold medallist Max Whitlock as well as actress and former BTEC Drama student at The BRIT School, Kellie Shirley. The expert panel of judges made up of Pearson's senior leadership

team, journalists and external experts, carefully considered the nominees before deciding on the winners.

Commenting on Ole's achievement, the UTC's Associate Principal Amanda Downing said: "We're all hugely proud of everything Ole has achieved during his time at UTC Warrington and it's so inspiring to see how much he gets out of all of his hard work and how much he has developed over the last four years. His recent success in securing an apprenticeship is testament to his commitment to his engineering course. We look forward to seeing where all of his efforts take him in life."

Cindy Rampersaud, Senior Vice President BTEC and Apprenticeship, said: "This year I've been over-whelmed by the quality of BTEC Award nominations we received and I am delighted to celebrate this year's winners and the achievements of all learners who will be awarded a BTEC this year. Over the past few weeks and months, we've seen how the current pandemic has highlighted the critical role of key workers and individuals who are likely to have followed a vocational educational pathway such as BTEC."

Pearson has overseen BTEC qualifications for over 30 years and during this time the qualifications have equipped millions of learners with the knowledge and practical skills that employers need.

A poll by Pearson found that two-thirds of medium-sized businesses have hired BTEC graduates in the last five years, and nearly a

quarter of learners going to university do so with a BTEC. An overwhelming majority of employers and young people want to keep their options open at 16 and gain the blend of academic, practical and transferable skills that are valued by industry and employers, that the BTEC offers.

Earlier this year, Ole secured an apprenticeship with Boeing. In September he will move to Cardiff to begin training towards an Aircraft Maintenance role, an aspiration that he has had since joining the engineering specialist college in 2016.



CONSTRUCTION UPDATE

Construction and the Built Environment students have been working towards units 1, 2 and 3.

Unit 1

- A) Understand the structural performance required for low-rise construction.
- B) Explore how sub-structures are constructed.
- C) Explore how superstructures are constructed.

Unit 2

- A) Understand the work of the construction industry.
- B) Understand a client's needs to develop a design brief for a low-rise building.
- C) Produce a range of initial sketch ideas to meet the requirements of a client brief for a low-rise building.

Unit 3

- A) Understand the effects of forces and temperature changes on materials used in construction.
- B) Use mathematical techniques to solve construction problems.

All Year 10 and Year 12 have been covering these units with Mr Brooks and by collecting evidence of technical drawings and designs.

kooth
With local pride events unable to happen this summer, we're here for you. Explore our helpful space and get support from our online mental wellbeing community

- Discussion Boards
- Kooth Magazine & Help Articles
- Free Counselling
- Journal & Self-Help Tools

Sign up for free at [Kooth.com](https://www.kooth.com)

WARRINGTON SCHOOL HEALTH SERVICE
YOUR SCHOOL HEALTH TEAM

Yvonne Jameson
School Nurse

I am a School Nurse who is responsible for the health and wellbeing of all pupils in your school. I work with other professionals to help you stay healthy and safe.

Phone: 01925 867830
Email: alwch.0to19@nhs.net

The School Health Team are part of the Warrington 0-19 Integrated Service and they work with children and young people aged 5-19 years and their families to promote health and wellbeing with a focus on early help and support.

Please use the attached link for more information:

<http://bridgewater.nhs.uk/warrington/warrington-school-health/>

- Keeping Healthy
- Immunisations
- Feeling Down
- Emotional Health
- Weight Management
- Sexual Health
- Drugs & Alcohol
- Smoking
- Relationships
- Family Problems
- Bereavement
- And loads more...

UTC WARRINGTON
PARENTS OF UTC WARRINGTON STUDENTS
INSPIRING TECHNICAL CAREERS

Join our Parents Facebook group here:
www.facebook.com/groups/utcwparents

CALLING ALL PARENTS AND GUARDIANS!

Higher Horizons+ and Alta Higher would like to invite you to a parent and guardian evening of information! This will give you the opportunity to gain vital insight into –

- The University application process
- Finding a course that fits your child's passions and aligns to job opportunities in growth industries
- Student finance and how it works regarding repayments
- An insight into student experience from a graduate

Speakers will include –

Lindsey Smith, Founder of Alta Higher
Lindsey has over 17 years of experience in supporting students by guiding them to make the right choices, assisting in University applications and offers group talks or one-to-one guidance

Jon Cheek, Founder of UniTasterDays
Jon is the Founder and Director of UniTasterDays.com, an award-winning university events website to support schools and colleges to connect with universities. Jon also delivers independent and impartial university workshops for Higher Horizons+

Jess Newton, Project Officer at Higher Horizons+
Jess has been delivering educational and engaging workshops across schools and colleges for the last 11 years. She talks about University from a personal perspective of being raised by a single parent and being the first in her generation to study at University.

The same event will run twice –
9th July 2020 5.30pm – 7.30pm
Or
16th July 2020 7.30pm – 9pm

To register FREE for either of these dates please select the correct link below –

9th July <https://www.eventbrite.com/e/parent-and-guardian-higher-education-conference-tickets-111601623460>

16th July <https://www.eventbrite.com/e/parent-and-guardian-higher-education-conference-tickets-111794161346>

Once registered you will receive a Zoom link to attend the session!

IF YOU CANNOT ATTEND THE EVENT IT WILL BE RECORDED AND SENT AT REQUEST

WE LOOK FORWARD TO YOU JOINING US!

NOS National Online Safety
#WakeUpWednesday

14 WAYS TO BE KIND ONLINE

Showing kindness online can mean so much to someone else. It is a choice we can all make that helps others, puts people's needs before our own and which can generate feelings of empathy and compassion. Small gestures can have a large impact and often one act of kindness can lead to more, making the world a happier and more positive place. That's why we've created this guide to suggest a few simple 'acts of kindness online' that can benefit people's mental health, support their wellbeing and encourage a more positive approach to engaging online.

- 1. BE POSITIVE**
Post about things that make you happy and that you're thankful for. It could brighten up someone else's day.
- 2. OFFER TO HELP**
Sometimes a friend or family member might post a question online or ask for help with something they can't do themselves. If you know the answer or are able to offer help, provide support and send a response. Something that may be easy for you might be difficult for someone else.
- 3. SHOW APPRECIATION TO OTHERS**
If somebody you know has done something good or shown kindness themselves, thank them for it. It costs nothing and showing them that you appreciate it means so much.
- 4. SHARE FUNNY VIDEOS OR IMAGES WITH FRIENDS & FAMILY**
We often come across funny videos or images online that make us laugh and then we move on. If you found it funny, your friends and family might too. It could help someone smile who may be having a bad day.
- 5. LIKE, LOVE & CELEBRATE**
If somebody posts something that you like on social media, like it, love it or celebrate it! It's a small gesture but could mean a lot.
- 6. VIDEO CALL YOUR FRIENDS & FAMILY**
It can be easy to be consumed by daily routine. Using apps like Zoom, FaceTime or WhatsApp are great for connecting with others far away and shows you're thinking of them even though you can't physically meet them in person.
- 7. TELL SOMEONE YOU'RE THINKING OF THEM**
We can't always tell how people are feeling online and just dropping somebody a message to ask if they're ok or that you're thinking of them could literally make their day.
- 8. SHARE POSITIVE POSTS**
If you see something online that inspires you, share it with people you know. An inspirational quote, a beautiful photo or a motivational video can lift spirits, improve self-esteem and help make people feel better about themselves.
- 9. HOST AN ONLINE QUIZ**
Video conferencing apps are a great way to get friends and family together. If you know someone who is feeling lonely, host an online quiz and invite them to join in. It could really cheer them up.
- 10. THINK BEFORE YOU COMMENT**
Sometimes thinking before you act can be just as significant as acting in the first place. Posting something hurtful, offensive or negative. It's always better to post positively or post nothing at all.
- 11. BE COMPASSIONATE & UNDERSTANDING**
Being empathetic towards others and their situation is often an act of kindness and selflessness that gets overlooked. If you notice someone who is upset, drop them a message and offer to listen.
- 12. CONNECT FRIENDS & FAMILY WITH SIMILAR INTERESTS**
You may know two people amongst your friends and family who you trust and know well who have similar interests and likes. Introducing them can be a great way for them to make new friends but remember to always ask their permission first.
- 13. RECOMMEND SOMETHING YOU ENJOY DOING TO OTHERS**
If you enjoy doing something online, such as playing a game, or if you've found a great learning resource, share it with others. Even if you've watched a good film, letting others know can be an act of generosity that brings them excitement or pleasure at a time when they might need it the most.
- 14. PRAISE OTHERS FOR THEIR ACHIEVEMENTS**
Sometimes your friends or family might post something online that they're proud to have done. It might be an exam they've passed, learning a new skill or just completing a task. Either way, it's always kind to recognise hard work and effort through praise and celebration.

Meet our expert
This guide has been written by Anna Bateman. Anna is passionate about placing prevention in the heart of every school, integrating mental wellbeing within the curriculum, school culture and systems. She is also a member of the advisory group for the Department for Education, advising them on their mental health green paper.