

Engineering UTC  
Northern  
Lincolnshire

# Newsletter

## December - January

 Engineering UTC  
Northern  
Lincolnshire

w. [www.enlutc.co.uk](http://www.enlutc.co.uk)  
t. 01724 878100  
e. [info@enlutc.co.uk](mailto:info@enlutc.co.uk)

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# Welcome

**Dear students, parents, carers, teachers, governors, industry partners and all UTC supporters,**

This half term has been filled to the brim with activities, employer visits, meaningful encounters and everything in-between! We have been faced with new challenges, the usual COVID-19 routines and new scenarios for students and staff however it has definitely felt like one of the more normal terms we have had recently.

Our students returned to ENL UTC after the October half term break and got stuck straight back into classrooms, labs, workshops and mock exams. We have held more sold out open events, governors' evenings and even an ENL UTC first, the Christmas Fayre! Our year 9 students are now fully into the swing of UTC life joining the other year groups in site visits and meaningful encounters alongside the main curriculum.

Our workshops have been full of hustle and bustle this term with all year groups from 9 to 13 getting in on the action, we've enjoyed having the sound of the machines back up and running.



Students have even had opportunity to showcase both Engineering and Health Sciences projects to our industry partners as we have welcomed in guests from the likes of Tronox, Singleton Birch, University of Hull & Care Plus to name a few.

As we leave the UTC for another well-deserved break, there may be further challenges ahead as we enter the winter months. However, we are confident in our students to be able to proudly display our core values & resilience to tackle anything 'head-on' professionally, responsibly and showing loyalty.

We hope that everyone is enjoying the start of a new term and new year!



**Anesta McCullagh  
and the ENLUTC team**

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### Your Guide to Using our Interactive Newsletter

This newsletter has been designed to be interactive, allowing you to directly open external pages and information.

You can click an article title on the left to read the full story.

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# Careers, Employability and Destinations

Employer engagement is a core element throughout the ENL UTCs curriculum. More than ever before, it is vital that our young people understand the world of work and the key employability skills that will put them at the forefront of sustainable employment and higher education opportunities.

Through our exciting careers programme and weekly lessons, our students have been super busy this half term with the following activities -

- Ørsted Site Visit
- Tronox Workshops
- Singleton Birch Workshops
- University of Hull Allam Medical Visit
- Core Partner Q&A Sessions
- University of Hull Days
- Skill Building

## Connecting Education to Industry!





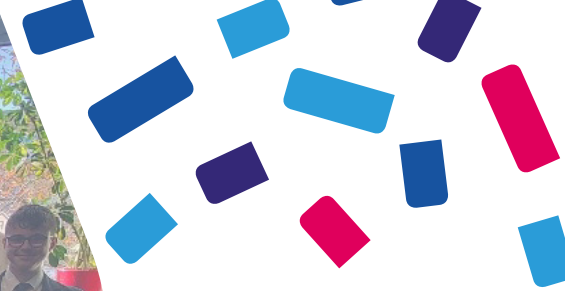
# Bradbury Group Factory Tour

4 of our sixth form students were invited out to Bradbury Group to tour the facilities and find out more about what they do. Our students also had the opportunity to discuss Youth Engineering in Scunthorpe and the opportunities they present to young adults in the local area.

**We are looking forward to building our relationship ongoing with Bradbury Group and already have some amazing plans in the pipeline!**







## Care Plus Group

Next up for a tutor visit was Care Plus, Sharon Stead from Care Plus joined their tutor group for an afternoon tour of the UTC, question and answer session and an insight into life in the Health Sciences sector. Our new branded lab coats look great – we even managed to get Sharon to kindly model one for us!

Care Plus







# Young Enterprise Big Bake Sale

Our Young Enterprise Team, CTU22 have been hard at work making delicious cakes for the November 'Sold Out' Open event. They went down a treat and many prospective students, parents & carers enjoyed the baked goods.

**All funds went towards the start of their Young Enterprise journey next year.**

Big Bake Sale





# Neutralisation Nation

We joined our fabulous year 9 students in many lessons this half term, meaning the workshops and labs have been full of hustle and bustle! It's great to get the students back on with practical's and we are sure they are feeling the same.

Here is Alysha & Ethan, 2 of our year 9 cohort working hard in Science, looking at Neutralisation with Kelly!



Nation





# University of Hull - Health Sciences

University of Hull kindly invited our Health Science cohort over to their incredible Allam Medical Centre to tour the facilities, take part in practical sessions learning about the importance of hand washing to prevent infection & practicing how to check vitals on the amazing mechanical dummy, Hal!

Our students also learnt all about university life, accommodation, the different types of courses and societies they can join and much more! They all left full of excitement for their future pathways to university!

After our Year 9 Health Sciences students visited Allam Medical Centre last week, some of our students were extremely excited to share their recent heart projects whilst Karen was visiting the UTC. They presented their project and received some amazing feedback on their work.

**Thank you Karen!**





Unive  
of Hull



# University of Hull – University Q&A

ENL UTC welcomed Karen from University of Hull to speak with our Year 12 students about what university looks like. The students all took a great deal of information from this session.

**Thank you Karen!**



# Ørsted Site Visit

ENL UTC students spent a very cold and windy day at Ørsted. Despite the weather, our students had an incredible day learning about renewable energy (wind turbines in particular!) and what a career with Ørsted looks like.

Students took part in several activities including what PPE a wind turbine technician wears, how energy is transported from sea to land and even got to climb a wind turbine... virtually using a VR headset.

The day was wrapped up with a tour of one of the very impressive vessel's used to transport their workforce out to several different wind turbine sites, showing our students how luxurious life at sea can be and they even had an additional talk from the Captain on maritime careers!

**A huge thank you to the Ørsted team for an engaging day with our students.**



# Singleton Workshop

## Singleton Birch Workshop

The last few weeks have been exceptionally busy over at ENL UTC – with site visits weekly and workshops being held in-house! We invited Chris over from Singleton Birch during this half term to take part in a workshop with our year 11 students.

They participated in a 2-hour session with Chris looking at Titration and enjoyed getting stuck in to the practical.

**Thank you Chris!**







# University of Hull – Superhero Snacks!

Ever wondered what a superhero eats for breakfast? Do they need a special diet to feed their superpowers? The odd metabolisms of superheroes must mean they have strange dietary needs and yesterday our students looked at what chemistry, physics and biology are needed for their superpowers.

A big final thank you to Phil & Mark from University of Hull. Our students attended a super engaging talk from both and learnt a few magic tricks along the way!





# KCOM Splicing Workshop

Our friends at KCOM visited engineering students to show them super-fibre splicing.

Did you know that in the broadband wires there is just one piece of glass wire that carries the connection? Students were able to splice their own wires, cut them and re-fuse.

Thank you KCOM, we look forward to another exciting project starting in the next few weeks!





# Christmas Fayre

Students all worked exceptionally hard preparing for the Christmas Fayre that took place on Friday 10th December. Our Christmas Fayre was ran by individual tutor groups who were given a budget, designed & created their own products and sold them to raise money for a charity of their choice. Entrepreneur's in the making!

I think we can say it was a huge success. Raising money for charity, meeting with employers, local community and families whilst having a festive Friday of fun!

Thank you to everyone who attended, bought from our student stands and a huge thank you to the amazing parents of our year 9 students who even brought in tractors for some of the activities!







# The Forge Project

On Tuesday 14th December, students from ENL UTC visited 'The Forge Project' to donate long life food items that they had collected throughout December.

The Forge Project Day Centre opens five mornings per week offering food and vital support services to North Lincolnshire's homeless and roofless. The Day Centre offers a befriending service and whoever attends the project is guaranteed a warm welcome by people who care. As well as food, warmth and a friendly atmosphere our Day Centre staff provide support, signposting and referral to appropriate agencies as and where required.



# The Forge Project



# A Tearful Christmas Reunion

At the UTC we are a huge family. These siblings have not seen each other in a while as Kelven joined the British Army after year 11.

We worked with mum to surprise Rhiannon during lunch.

**#Alumni #alltogethernow #onceUTCalwaysUTC**



## Christmas Jumper Day

Students took part in National Christmas Jumper Day on Friday 10th December 2021, giving a £1 donation to wear their Christmas jumper and non-uniform and all proceeds went to charity!



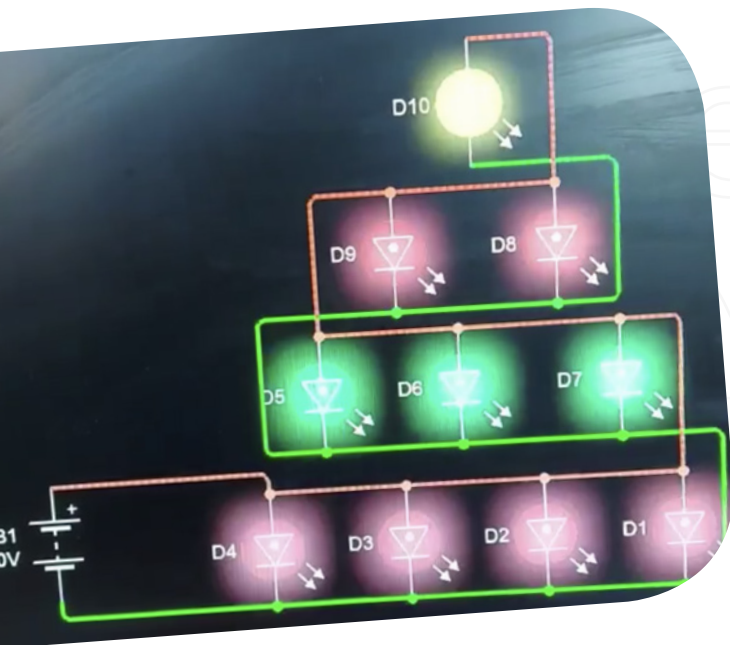




## Elf on the UTC Shelf..

ENL UTC has been overrun with pesky elves once again this Christmas, they have been getting into no end of bother around the school and students have been finding them in all kinds of predicaments!





## Electronics with Year 9

Year 9's took part in a Christmas challenge during their Electronics lessons with Ian.

They were challenged to build a flashing LED Christmas Tree, some used flashing LEDs and some went for a more sophisticated 555 timer chip combination.

**Well done students!**

## Upcoming Events

We have lots of exciting events in the pipeline, with restrictions easing further each month, we are making more plans to get perspective new students into ENL UTC! The following dates are currently booked in, however keep an eye on our website/social media as we release more information –

January 2022

Wednesday

**26**

Open Event

May 2022

Thursday

**12**

Open Event

March 2022

Wednesday

**30**

Open Event

June 2022

Tuesday

**28**

Open Event

Wednesday

**26**

Open Event



# Be #SkilledForLife

Applications to join the ENL UTC in year 9 or 12 are still open. Visit our website to discover more about our unique STEM curriculum and how you can be **#SkilledForLife** –

[www.enlutc.co.uk](http://www.enlutc.co.uk)

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**Engineering UTC**  
**Northern Lincolnshire,**  
Carlton Street,  
Scunthorpe,  
North Lincs,  
DN15 6TA

01724 878100

[info@enlutc.co.uk](mailto:info@enlutc.co.uk)

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