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WELCOME

Welcome to the June issue of the Sunderland Digital Careers Newsletter.

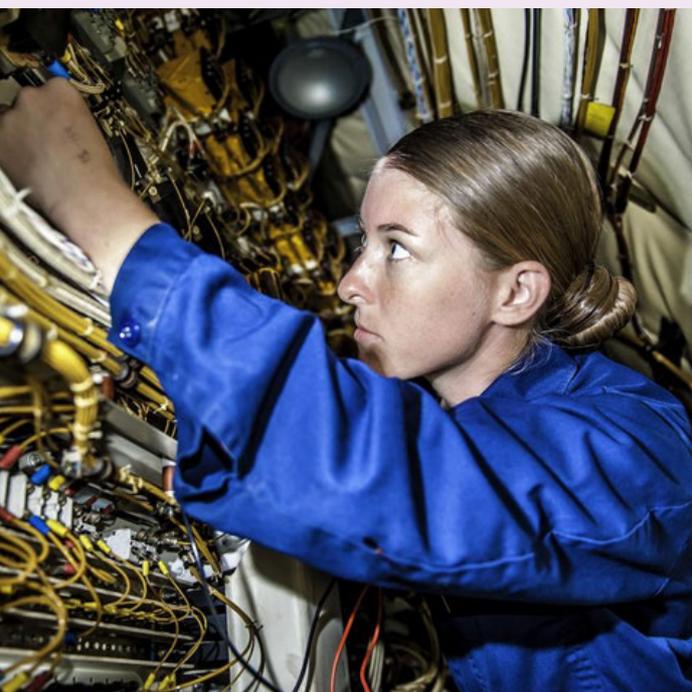
This month there is a lot happening! We had World Oceans Day on 8 June, as well as International Women in Engineering Day on 23 June - you can find out about both.

In May we held our first careers event, focussing on careers in the digital and tech sector. It was a huge success and we would love to tell you about it.

Finally, you can take a look at our career highlight of a oceanographer. Plus, with Year 11s leaving school soon, we thought it would be good to break down options for what to do when you leave!

If you have any questions about the newsletter, please get in touch:

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INTERNATIONAL WOMEN IN ENGINEERING DAY



International Women in Engineering Day will celebrate its 9th year in 2022 and figures as of June 2021 show that 16.5% of engineers are women. INWED gives women engineers around the world a profile when they are still hugely under-represented in their professions.

As the only platform of its kind, it plays a vital role in encouraging more young women and girls to take up engineering careers. A career in engineering is not biased - anyone can do it!

SUNDERLAND DIGITAL CAREERS EVENT

On Friday 20 May, we held a Sunderland Digital Careers Event in collaboration with Sunderland college. This was held in their brand new Digital Innovation Centre, boasting a 'Glass Box' where students and teachers can work in style, an amphitheatre-style seated area for presenting and a 360 degree immersive visualisation igloo to create virtual realities for students studying in several technical disciplines.

The aim of the event was to raise awareness of the variety of exciting opportunities and job roles in the digital industry and raise aspirations and engagement with young people in the region. The event was a huge success and we had some amazing feedback. Don't worry if you couldn't make it this time - there is plenty more to come!



WORLD OCEANS DAY

On the 8th June every year, we celebrate World Oceans Day. Many countries have celebrated this special day since 1992. On this day, we have the opportunity to raise awareness of the importance of the ocean, and how we can treat it sustainably. Approximately 71% of the Earth's surface is covered by the ocean, and it is the home of a lot of different living things, so its important that we look after it.

To celebrate World Oceans Day, Dr Thomas Linley from Armatus Oceanic visited some schools. He talked about the deep sea, the fish that can survive a depth of over 8000m (which he discovered) and what equipment he builds to collect images. It was an amazing talk, and we think he inspired some budding engineers and marine biologists!





CAREER HIGHLIGHT: OCEANOGRAPHER

In honour of World Oceans Day, our career highlight this month is an oceanographer! Oceanography is the study of physical, chemical, geological and biological features of the ocean. Tasks vary depending on what you're studying and where you're working; you could be lab or office based, or you could be on a research vessel in another country!

With the North Sea being a popular location for Offshore wind farms, there is always a need for oceanographers in the North East. The North Sea also has a lot of shipping traffic and it is important to monitor and investigate anything that could affect the ocean environment.

After doing science based A levels, you'll usually need to go onto higher education and gain a degree in a related subject such as oceanography, geology, biology, environmental science or geography. You could then go straight into work, but you may need to complete some postgraduate study e.g. masters or PhD. Newcastle University and Durham University are great institutes that can help develop the necessary skills and knowledge for this job.

WHAT TO DO AFTER SCHOOL

When leaving school, it can be really overwhelming to decide your next steps. Not many people know the different options available for the next part of your education. Here, we break down different options to help you make your decision when the time comes.

Stay in full-time education

If staying in education is for you, then there are a lot of different options:

- A Levels
- T Levels
- Technical/vocational qualifications
- Applied qualifications
- Exam retakes

Combine work and study

If you would prefer to get straight into work after school, there are options to work and study at the same time:

- Traineeships
- Supported Internships
- Apprenticeships
- School leavers schemes

Don't worry if you don't know what some (or any!) of the above options are - we will cover these in more detail in future newsletters!

SOCIAL MEDIA

Click on the social icons below, or visit our website for lots of fantastic resources!



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Skills Resources

For more information on anything covered in this newsletter, please contact:

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