



INSPIRE NORTH OF TYNE

MONTHLY NEWSLETTER. DECEMBER 2020.

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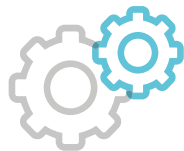
WELCOME

Welcome to our December issue of the Inspire North of Tyne newsletter! This issue is focused on the science industry. The past few weeks have been full of science focused events and news and we wanted to share some of the amazing science with you all this month!

We have some advice and information from one of our region's best Molecular Biologists to share in this newsletter issue, as well as events happening throughout the month and activities you can get involved in over the Christmas period!



WHAT'S BEEN HAPPENING?

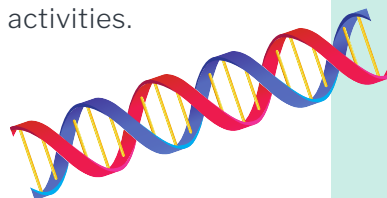


This past month has been full of science! We hosted our very own virtual science events in school classrooms, showcasing some amazing people and work operating in the region. We've seen how healthy ageing is an advancing field and how it IS possible to slow down ageing! We also saw where the planets were in the night sky on particular nights, learnt what shooting stars are and how stars are formed with Kielder Observatory. In both of these events we also learnt that university is a great route into science careers, as the topics and activities covered at degree level provide you with the skills needed for a successful science focused career.

LOCKDOWN STEM

Learning during lockdown can be hard! With no clubs, activities or events running in person outside of school, it can be difficult to find ways to expand your STEM knowledge and skills. But, there are lots of things you can still do!

You can check out Eventbrite for virtual STEM events and activities to join - we post all of our events here too! Organisations and companies are creating lots of activities you can get involved in, some even have prizes. Keep an eye on websites, social media and even your school e-learning site to find out about these fun activities.



Career Spotlight – Dr Nichola Conlon



Dr Nichola Conlon is a very talented and highly accomplished scientist, specialising in molecular biology and healthy ageing.

Recently, she spoke to students about her work, experiences, and the skills she needed for her role. She also shared information about her route into the industry via university, and gave simple tips and pieces of advice on where to start if you're also looking to go into a science job!

One piece of advice we all took away from her talk is to pursue something you love; keep engaging with subjects that you find interesting and are passionate about, and then take the career decisions from there! As you continue to dive into topics you're passionate about, more career routes and opportunities will become available to you. So don't panic if you don't know what career is right for you. Pursue something you love and you'll find the right path.

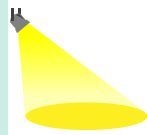
DID YOU KNOW...

25% of students in the region are studying a STEM subject!



ARE YOU A GOOD TEAM PLAYER?

Being a good team player is an essential skill to have when working in STEM. You'll regularly collaborate on work with other scientists, researchers, technologists etc, so being able to listen, support, and encourage other team members is an important skill that employers will specifically look out for.



CAREER HIGHLIGHT

In each newsletter we will highlight a job opportunity from a thriving sector in the region! This month, the sector is Science!



METEOROLOGIST



Meteorologists study weather conditions using information gained from the land, sea, and upper atmosphere. They will scientifically analyse the data obtained to predict future weather using computerised and mathematical modelling. This information can help forecast the weather and helps lots of industries with their work including aviation, agriculture, public services, and shipping and offshore industries.

What do I need to work in a role like this?

- Mathematical ability
- Good writing skills
- Good at problem solving
- Analytical mindset
- Attention to detail

For this, you'd need to go to university to gain a degree in geoscience, geography, or something similar. This is where you'll learn the skills and knowledge to help equip you for a career in meteorology.

CLICK THE IMAGE BELOW FOR INFORMATION ON APPRENTICESHIPS...

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Have we missed anything or do you want to learn about something in particular? Email to let us know!

amy.hunt@sunderlandsoftwarecity.com