

INSPIRE NORTH OF TYNE

MONTHLY NEWSLETTER. NOVEMBER 2022

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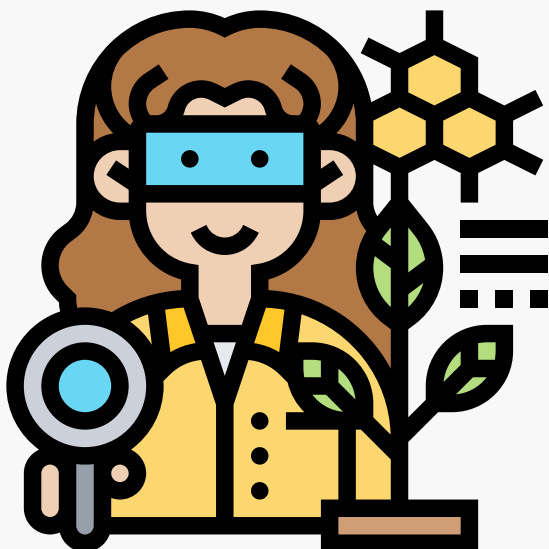
WELCOME

Welcome to November's issue of the Inspire North of Tyne newsletter. Keep on reading to learn more about our free upcoming activities and events for students.

In this newsletter, you will find information on our upcoming events, including our 12 days of techmas.

We will also be looking at the exciting careers of those who work in the field of biology!

For more information on the Inspire North of Tyne Programme or anything covered in this issue, please contact: natalie.lamport@sunderlandsoftwarecity.com



SKILLS FOR BIOLOGY

Within the biology industry, there are hundreds of jobs which all require different skills, most of which you will be developing now and already using every day!



Communication skills will help to ensure work is completed to a high standard and everyone is doing their jobs correctly.

Attention to detail will help you and your colleagues ensure projects are finished properly and without mistakes



Maths skills are always useful and are often used in biology too. Examples include measuring materials, making observations or calculating differences.

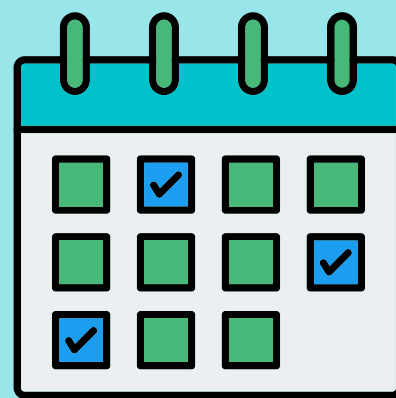


DID YOU KNOW?

On average, there are 100,000 miles of blood vessels in the human body

Bacteria can be beneficial as well as harmful to humans, plants and animals

The average human is made up of around 7 octillion atoms (thats 7,000000 000000000000000000000000!)



TERM CALENDAR

Tuesday November 8th

National STEAM Day

Saturday 10th December

Nobel Prize Day

December 1st

12 Days of Tech-mas

December 23rd

Christmas Break Tech Challenge

12 DAYS OF TECH-MAS

Look out for lots of fun activities, challenges and opportunities coming up in the first 12 days of December!

Each day will have a challenge, resource or activity you can get involved in, themed around different areas of tech, from computer science to film production.



DON'T FORGET...

To help students access all of our STEM careers resources, we have our very own Inspire North of Tyne App.

It contains lots of useful information regarding career possibilities, sectors within the region, our monthly newsletters and also some activities for you to complete. It's completely free and available on Apple and Android devices. Why not give it a go and let us know your thoughts?!



INDUSTRY HIGHLIGHT

In this month's newsletter, we will be exploring the exciting and intriguing career of a biotechnologist, a career which has impacts on the environment, medicine and healthcare, marine life, and many other industries!

BIOTECHNOLOGIST

Biotechnologists create and develop innovative products designed to improve the quality of human life, using specialized biological knowledge and techniques.

Biotechnologists study the chemical, genetic and physical attributes of cells, tissues and organisms in order to develop new technologies, processes and products. Their job involves manipulating living organisms or their components to design or enhance vaccines, medicines, energy efficiency or food productivity and safety.

Biotechnology is an ever growing industry in the UK and you can find work at biotechnology and other commercial companies, research or higher education institutions, government laboratories and hospitals.

The starting salary for a biotechnologist after graduating is £19,000-£24,000 rising to £25,000-£50,000 once experienced and £60,00+ at senior level.

For more information on digital/tech careers and additional information on anything featured in this month's newsletter, please contact:
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SOCIAL MEDIA

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