

STEM CAREERS TREASURE HUNT

Day 1: Science



Identify a pioneering scientist from history and find a modern leader in the same scientific field.

What skills and qualifications would you need to gain if you were to do this job?

Put all of this information together in one poster.

Day 2: Technology



Who is the greatest inventor in history for you, and why? Can you think of a modern-day equivalent?

Name a career that is associated with this invention and list what skills and qualifications you'd need for this role. Can you find a local company who could help you gain these skills?

Collate this information in one poster.

Day 3: Engineering

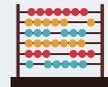


Can you name a historic industrial sector or company that employed lots of people in the North East?

Tell us about new company or industry that is now employing people in the North East. Can you explain what qualifications and skills you would need for a job with this company?

Collate this information in a poster.

Day 4: Maths



Seen as the first step toward artificial intelligence (AI), the “Turing Machine” was designed to “think like a human”. What do you think artificial intelligence is? Can you find a machine today that uses AI?

Are there local companies that use AI? What skills and qualities would you need to work for them?

Collate this information in a poster.

Day 5: Skills Focus



Whilst doing the challenge have you seen any jobs or careers that you would like to investigate further?

What skills and qualifications would you need for these careers?

Create a poster to reflect your choices.

Submission Day

Once you've completed the treasure hunt...

Email all your answers and posters from the 5 challenges to us at info@sunderlandsoftwarecity.com.

Submit your answers by 1 May 2020 for a chance to win Amazon Vouchers.