

# Adventurers

FROM CYBERFIRST

## CyberFirst

THIS IS A WORLD WHERE TECHNOLOGY IS EVERYWHERE

### This is a CyberFirst world.

These exciting activities are aimed at Year 9 to help parents and students choose their subjects at GCSE's. It gives students and their families an opportunity to see how studying Computer Science can help improve the understanding of technology in the workplace and in their homes. As a country we are becoming more digital with everything we do; let's learn to use it and defend it.

**CyberFirst Adventurers** is a free half day event created for Year 9 students. This is the second in a series of events which has been created, to highlight the varied roles and jobs that both exist and involve technology in the workplace. This will excite and enthuse students with an interest in technology, both in what we use now and in the future. It has also been designed to counter the stereotype that computer science is a subject that only leads to jobs in programming and coding. The course is aimed at students who have not yet made their GCSE choices, so that they get the opportunity to see how studying computer science could potentially augment and enhance their future career paths. An accompanying parent or guardian is welcome to attend for a specifically designed talk and some light refreshments.

**The Data Games** – Understand and use big data to create the perfect team using a set of sports results, compare with others and learn the interpretation of data.

**Crack the Code** – Against the clock you will work within teams to unlock various devices, during this you will get a taste of cryptography, language analysis and understand some cyber security terms. But don't be distracted as the timer won't stop until you Crack the Code.

**Engineering** – 3D printers have started to revolutionise the engineering industry, have a look into how technology and engineering fit together and move into the future in partnership. Have the chance to create your very own model using 3D design software.



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