

CyberFirst Defenders

CyberFirst Defenders inspires and excites pupils about the subject of cyber security. It is designed for 14-15 year old pupils with a demonstrable interest in computing and provides them with a valuable introduction to all the tools, knowledge and skills cyberists need to build and protect small networks and personal devices.

It complements the GCSE computing curriculum and takes it a step further, offering practical methods to help protect and secure everyday devices, apps and software.



Day 1 – Insecure by Default	Day 2 – Securing your Devices	Day 3 – Understanding Networks	Day 4 – Securing Yourself	Day 5 – Securing your Loved Ones
<p>This day focuses on introducing the students to IoT and developing their understanding of the evolution of the internet and its use.</p> <p>Students are encouraged to build their own team network.</p>	<p>The focus of this day is on developing an understanding of good practice for securing common devices.</p> <p>Students practice their new found knowledge by breaking, fixing and securing the devices on their team network.</p>	<p>In this module we look at the wide variety of attackers; who are they and what are their motivations?</p>	<p>The operating system is the interface between the user and the device, making it a valuable target to attackers.</p> <p>In this module we explore how the operating system can be attacked and secured.</p>	<p>Attendees will leave the event equipped with practical knowledge that they will need to help protect their friends and family.</p>