

Achieve Higher

Year 10



Co-op Academy
Stoke-on-Trent

SUBJECT NAME: Computer Science				
Half Term	Curriculum	Reading	Watching & Listening	Other Opportunities
Autumn Term	Computer Systems	<p>How PCs Work</p> <p>https://computer.howstuffworks.com/pc.htm</p> <p>Core PC Components</p> <p>https://computer.howstuffworks.com/what-is-computer-hardware.htm?srch_t ag=o6tgv7wlf6ab663iz47qdyzpoc6vownb</p>	<p>Inside your computer</p> <p>https://www.youtube.com/watch?v=HB4I2CgkcCo</p> <p>Build your own computer System</p> <p>https://www.youtube.com/watch?v=m-G9Cacx2U</p>	<p>Visit computer-based events at the Life Centre (Newcastle)</p> <p>https://www.life.org.uk/news</p>
Spring Term	AppLab	<p>Event-driven programming</p> <p>https://en.wikipedia.org/wiki/Event-driven_programming</p>	<p>App Lab (Code.org) Space Shooter Game Tutorial</p> <p>https://www.youtube.com/watch?v=jqAzVbpwRtE</p>	<p>Investigate your favourite apps and try to apply the programming knowledge you have and understand how they work.</p>
Summer Term	Website Development	<p>Introduction to the World Wide Web</p> <p>https://www.scientificamerican.com/article/long-live-the-web/</p> <p>A history of HTML</p> <p>https://www.w3.org/People/Raggett/book4/ch02.html</p>	<p>A brief history of the World Wide Web</p> <p>https://www.youtube.com/watch?v=SqZ_hJu9zA</p> <p>Birthplace of the World Wide Web - Computerphile</p> <p>https://www.youtube.com/watch?v=qJNrvVv7SdU</p>	<p>Look at the source code for your favourite website and see if you recognise any of the HTML tags.</p>