

Beyond the Classroom: Wider learning opportunities: Computer Science & ICT KS3

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<p>Head Squeeze</p>	<p>Build on your animation skills following the online lessons from Khan Academy</p>	<p>Research the following: Grace Hopper Ada Lovelace Dr Gladys West</p>	<p>Isaac Computer Science The learning platform for A level Computer Science students and teachers. Part of @WeAreComputing</p>	<p>The Science Museum</p>

Beyond the Classroom: Wider learning opportunities: Computer Science & ICT KS4

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<p>George Dyson – The Birth of Computers</p>	<p>Improve your Python programming using the online tutorials at Snakify</p> <p>Build on your animation skills from KS3 following the online lessons from Khan Academy</p> <p>Go a step further and try out the software the professionals use – RenderMan</p>	<p>Research the founder of Microsoft Bill Gates and of Apple Steve Jobs</p>		

Beyond the Classroom: Wider learning opportunities: Computer Science & ICT KS5

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<p>The Social Network Mark Zuckerberg: Tech Visionary or Super villain</p> 	<p>Build on your animation skills from KS3 following the online lessons from Khan Academy Go a step further and try out the software the professionals use – RenderMan</p>	<p>BBC Technology Game Studies</p>	<p>Follow Nora Young & Spark on Twitter or podcast</p>	<p>RAF Radar Museum Norfolk</p>
<p>Spark is an ongoing conversation about our rapidly changing world. Along with you, host Nora Young explores how technology, innovation and design affects our lives</p>	<p>Build your own computer. Research the components you need to use, cost out the project and see if you can outperform the major competitors and make a profit. Use your modelling skills in spreadsheets to maximise your return.</p>	<p>Research the Internet of Things a computing concept that describes a scenario where everyday physical objects are connected to the Internet and can identify themselves to other devices or processes, via an IP address</p>		<p>IBM Hursley Museum University Open Days Brunel - Uxbridge Hertfordshire - Hatfield Don't be put off because they are not Russell Group (afterall Durham isn't)</p>