



Engage...Explore...Excel...



Computing

	Start-up (KS4)	Expansion (KS5)
Read	<p>GCSE Computer Science - BBC Bitesize</p> <p>www.bbc.co.uk/bitesize/subjects/z34k7ty</p> <p>GCSE Computer Science learning resources organised by topic.</p>	<p>Isaac Computer Science</p> <p>Free online study platform for A-Level Computer Science</p>
Watch	<p>YouTube: Computer Science Tutor</p> <p>Computer Science Tutor Videos</p> <p>YouTube: Craig and Dave - Theory Videos</p> <p>https://www.youtube.com/craigndave</p> <p>Below is a link to the Royal Institution Lectures 2008 and associated resources available from RI. Most of Lecture 2, especially the first and last third, is relevant to teaching about the fundamentals of computer systems and can be shown in sections to the class.</p> <p>www.rigb.org/christmaslectures08</p> <p>The link below contains full online episodes from the Royal Institution Lectures 2008</p> <p>Royal Institute Christmas Lectures (2008)</p> <p>The link below includes short extracts from each of the Christmas Lecture including full transcripts of each lecture and links to useful related resources.</p>	<p>YouTube: Computer Science Tutor</p> <p>Computer Science Tutor Videos</p> <p>YouTube: Craig and Dave - Theory Videos</p> <p>https://www.youtube.com/craigndave</p>

	<p>Under the surface - The Royal Institute Christmas Lectures 08</p>																							
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	<p><u>Snakify</u> Learn Python and web design with over 200 exercises</p> <p><u>CodeAcademy</u> Learn a vast range of programming languages online, including Python</p> <hr/>	
Revision	<p>Computer Science (GCSE Computer Science - BBC Bitesize): https://www.bbc.co.uk/bitesize/examspecs/zmtchbk</p> <p>Computer Science revision tool: https://www.senecalearning.com/en-GB/blog/gcse-computer-science-revision/</p> <p>GCSE computer science past papers and revision materials : https://mathsmadeeasy.co.uk/gcse-computer-science/</p> <p>Revise Computer Science offers revision courses : https://revisecomputerscience.com/</p>	<p>OCR A-Level Computer Science Revision: https://www.physicsandmathstutor.com/computer-science-revision/a-level-ocr/</p>