

# OCR A Level Computer Science

## Wider Reading

Books	<p>GitHub (free programming ebooks)</p> <p>Python - <a href="https://github.com/EbookFoundation/free-programming-books/blob/master/free-programming-books.md#python">https://github.com/EbookFoundation/free-programming-books/blob/master/free-programming-books.md#python</a></p> <p>PHP - <a href="https://github.com/EbookFoundation/free-programming-books/blob/master/free-programming-books.md#php">https://github.com/EbookFoundation/free-programming-books/blob/master/free-programming-books.md#php</a></p>
Magazines and Journals	<p>Computer - <a href="https://www.computer.org/computer-magazine/">https://www.computer.org/computer-magazine/</a></p> <p>CS4FN - <a href="http://www.cs4fn.org/lastonein/lastonein.php">http://www.cs4fn.org/lastonein/lastonein.php</a></p> <p>magPi - <a href="https://www.raspberrypi.org/magpi/">https://www.raspberrypi.org/magpi/</a></p> <p>IEEE explore (Journals Archive) <a href="http://ieeexplore.ieee.org/browse/periodicals/title//?refinements=4291946551">http://ieeexplore.ieee.org/browse/periodicals/title//?refinements=4291946551</a></p>
Places of Interest to visit	<p>The National Museum of Computing - <a href="http://www.tnmoc.org/">http://www.tnmoc.org/</a></p> <p>Bletchly Park - <a href="https://bletchleypark.org.uk/">https://bletchleypark.org.uk/</a></p>
Websites	<p>Wikibooks - <a href="https://en.wikibooks.org/wiki/A-level_Computing/OCR">https://en.wikibooks.org/wiki/A-level_Computing/OCR</a></p> <p>Bitsize - <a href="http://www.bbc.co.uk/education/subjects/zxmh34j">http://www.bbc.co.uk/education/subjects/zxmh34j</a></p> <p>Brilliant - <a href="https://brilliant.org/computer-science/computer-science/">https://brilliant.org/computer-science/computer-science/</a></p> <p>Think Like a Computer Scientist - <a href="http://www.openbookproject.net/thinkcs/python/english2e/index.html#">http://www.openbookproject.net/thinkcs/python/english2e/index.html#</a></p> <p>Using Python - <a href="http://usingpython.com/python-introduction/">http://usingpython.com/python-introduction/</a></p> <p>Program Arcade Games - <a href="http://programarcadegames.com/">http://programarcadegames.com/</a></p>
Youtube Channels	<p>Craig &amp; Dave - <a href="https://www.youtube.com/channel/UC0HzEBLJxlrwBAHJ5S9JQg/playlists?view=50&amp;sort=dd&amp;shelf_id=17">https://www.youtube.com/channel/UC0HzEBLJxlrwBAHJ5S9JQg/playlists?view=50&amp;sort=dd&amp;shelf_id=17</a></p> <p>Computerphile - <a href="https://www.youtube.com/user/Computerphile/videos?view=0&amp;sort=dd&amp;flow=grid">https://www.youtube.com/user/Computerphile/videos?view=0&amp;sort=dd&amp;flow=grid</a></p> <p>Introduction to Computer Science I", Harvard OpenCourseWare - <a href="https://www.youtube.com/watch?v=z-OxziC6pic&amp;list=PLvJoKWRPIu8G6Si7LlvmBPA5rOJ9BA29R">https://www.youtube.com/watch?v=z-OxziC6pic&amp;list=PLvJoKWRPIu8G6Si7LlvmBPA5rOJ9BA29R</a></p>

MOOC Courses	<p>Introduction to Computer Science  <a href="https://www.edx.org/course/introduction-computer-science-harvardx-cs50x">https://www.edx.org/course/introduction-computer-science-harvardx-cs50x</a></p> <p>Intro to Computer Science &amp; Programming Using Python  <a href="https://www.edx.org/course/introduction-computer-science-mitx-6-00-1x-10">https://www.edx.org/course/introduction-computer-science-mitx-6-00-1x-10</a></p>
News Articles	<p>BBC Click - <a href="http://www.bbc.co.uk/programmes/n13xtmd5">http://www.bbc.co.uk/programmes/n13xtmd5</a></p> <p>MT News - <a href="http://news.mit.edu/topic/computers">http://news.mit.edu/topic/computers</a></p> <p>Phys.org - <a href="https://phys.org/technology-news/computer-sciences/">https://phys.org/technology-news/computer-sciences/</a></p>
Summer School	<p>Royal Institution -  <a href="https://www.eventbrite.co.uk/e/summer-schools-computer-based-mathematics-age-1618-tickets-33662260728?aff=es2">https://www.eventbrite.co.uk/e/summer-schools-computer-based-mathematics-age-1618-tickets-33662260728?aff=es2</a></p>
Pod Cast/Radio 4	<p>Wired - <a href="http://www.wired.co.uk/series/wired-podcast">http://www.wired.co.uk/series/wired-podcast</a></p> <p>BBC Tech Tent - <a href="http://www.bbc.co.uk/programmes/p01plr2p/episodes/downloads">http://www.bbc.co.uk/programmes/p01plr2p/episodes/downloads</a></p> <p>BBC – Computing Briton  <a href="http://www.bbc.co.uk/programmes/b06bq6j1/episodes/downloads">http://www.bbc.co.uk/programmes/b06bq6j1/episodes/downloads</a></p>
TED Talks	<p>20 Must See TED Talks for Computer Scientists -  <a href="https://www.youtube.com/watch?v=EF692dBzWAs&amp;list=PLF7032F8EB1A4F9E2">https://www.youtube.com/watch?v=EF692dBzWAs&amp;list=PLF7032F8EB1A4F9E2</a></p>