

COMPUTER SCIENCE ONLINE LEARNING PLAN

<p>Year 7</p>	<p>Build an Enigma Machine</p> <p>Under the Cover</p> <p>John von Neumann</p> <p>Bar Codes and QR Codes</p>	<p>Life of Alan Turing - http://itslearning365.com/portalv3/mod/page/view.php?id=1230 The Enigma Machine - http://itslearning365.com/portalv3/mod/page/view.php?id=587 Enigma Algorithm - http://itslearning365.com/portalv3/mod/page/view.php?id=1255</p> <p>History of Computers - http://itslearning365.com/portalv3/mod/page/view.php?id=28 The Motherboard - http://itslearning365.com/portalv3/mod/page/view.php?id=31 The CPU - http://itslearning365.com/portalv3/mod/page/view.php?id=1282 Memory - http://itslearning365.com/portalv3/mod/page/view.php?id=33 Secondary Storage - http://itslearning365.com/portalv3/mod/page/view.php?id=34 Modern Computers - http://itslearning365.com/portalv3/mod/page/view.php?id=2689 Input Devices - http://itslearning365.com/portalv3/mod/page/view.php?id=29 Output Devices - http://itslearning365.com/portalv3/mod/page/view.php?id=30</p> <p>Von Neumann Architecture - http://itslearning365.com/portalv3/enrol/index.php?id=3</p> <p>Bar Codes - http://itslearning365.com/portalv3/enrol/index.php?id=9</p>
<p>Year 8</p>	<p>Representing Data</p> <p>Networks</p>	<p>Binary Numbers - http://itslearning365.com/portalv3/mod/page/view.php?id=241 ASCII Characters - http://itslearning365.com/portalv3/mod/page/view.php?id=236 Representing Images - http://itslearning365.com/portalv3/mod/page/view.php?id=238 Representing Sounds - http://itslearning365.com/portalv3/mod/page/view.php?id=245 Compression - http://itslearning365.com/portalv3/mod/page/view.php?id=246</p> <p>What is a Network - http://itslearning365.com/portalv3/mod/page/view.php?id=248 Network Hardware - http://itslearning365.com/portalv3/mod/page/view.php?id=2718 Be a network consultant - http://itslearning365.com/portalv3/mod/page/view.php?id=254 Network Topologies - http://itslearning365.com/portalv3/mod/page/view.php?id=256</p>

