



**Subject Computer Science**

**Year 10**

**Curriculum Map  
2017 -2018**

<b>Week Commencing</b>	<b>Topic (including links to additional resources)</b>	<b>Assessment Window</b>
9/10/17	1.3 Storage - Advantages and disadvantages of Optical/Magnetic/Solid state	
16/10/17	1.3 Storage - Selecting suitable storage devices for different needs	<b>AR1</b>
<b>October Half Term</b>		
30/10/17	AR1 preparation	<b>AR1</b>
6/11/17	1.4 Wired & Wireless networks – The Internet	
13/11/17	1.4 Wired & Wireless networks – LAN vs WAN	
20/11/17	1.4 Wired & Wireless networks – Client server vs Peer to Peer	
27/11/17	1.5 Network topologies – Wireless networks	
4/12/17	1.5 Network topologies – IP & MAC addressing	
11/12/17	1.5 Network topologies – Protocols & Layers	
<b>Christmas Break</b>		
1/1/18	1.6 System security – Network threats	
8/1/18	1.6 System security – Identifying and preventing vulnerabilities	

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15/1/18	AR2 Preparation	
22/1/18	1.7 System software – Functions of system software	AR2
29/1/18	1.7 System software – Operating systems	AR2
5/2/18	1.7 System software – Utility software	
12/2/18	1.8 Ethical, legal, cultural & environmental concerns	
February Half Term		
26/2/18	1.8 Ethical, legal, cultural & environmental concerns	
5/3/18	1.8 Ethical, legal, cultural & environmental concerns	
12/3/18	1.8 Ethical, legal, cultural & environmental concerns	
19/3/18	2.1 Algorithms	
26/3/18	2.1 Algorithms – Types of searches	
Easter		
16/4/18	AR3 preparation	AR3
23/4/18	2.4 Computational logic – complex logic diagrams	AR3

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30/4/18	2.4 Computational logic – Complex truth tables	
7/5/18	2.4 Computational logic – Applying computational math's	
14/5/18	2.5 Translators & facilities of languages	
21/5/18	2.5 Translators & facilities of languages	
May Half Term		
4/6/18	2.5 Translators & facilities of languages – features of an IDE	
11/6/18	2.6 Data representation – Units and numbers	
18/6/18	2.6 Data representation – Character sets	AR4
25/6/18	AR4 preparation	AR4
2/7/18	2.6 Data representation – Images and sound	
9/7/18	2.2 Programming techniques	
16/7/18	2.2 Programming techniques	

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