

Sandon Road, Meir, Stoke-on-Trent, ST3 7DF Telephone: 01782 377100 Fax: 01782 377101

Email: info@omera.co.uk Website: www.ormistonmeridianacademy.co.uk

Principal: Mrs C Stanyer

Subject GCSE Computer Science

**Year 11
Curriculum Map
2022 -2023**

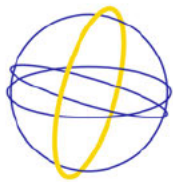
Week Commencing	Topic (including links to additional resources)	Assessment Window
STAFF INSET 05/09 Y7 DAY 06/09 ALL STUDENT IN 07/09	1.4.1 Network security – identifying potential threats (Malware, DOS, DDOS, Social engineering, SQL injection)	
12/09/2022	1.4.2 Network security – identifying and preventing potential threats (Anti-Malware, Firewall, User access levels, Network policy)	
19/09/2022	1.5.1 System software – Functions of the operating system	
26/09/2022	1.5.2 System software – Utility software	
03/10/2022	1.6 Ethical, legal, cultural & environmental concerns – Laws, ethical considerations with ICT systems	
10/10/2022	1.6 Ethical, legal, cultural & environmental concerns – Environmental consideration with ICT systems & the cultural impacts on societies.	
17/10/2022	AR1 revision	
October Half Term		
31/10/2022	AR1 revision	
7/11/2022	2.1.3 Searching & sorting algorithms	AR1

Ormiston Meridian Academy is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.



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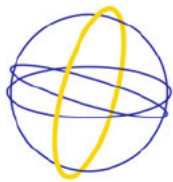
14/11/2022	2.2 Programming techniques – back to basics	AR1
21/11/2022	2.2 Programming techniques – back to basics	
28/11/2022	2.2 Programming techniques – back to basics	
5/12/2022	2.3.1 Defensive design – Considering how people might exploit programs and planning for it.	
12/12/2022	2.5.1 Programming languages – low level vs high level languages	
Christmas Break		
02/01/2023	2.5.2 The integrated development environment (IDE)	
9/01/2023	2.2 Programming techniques – Solving bigger problems	
16/01/2023	2.2 Programming techniques – Solving bigger problems	
23/01/2023	2.2 Programming techniques – Solving bigger problems	
30/01/2023	AR2 revision (Paper 1 and Paper 2)	
6/02/2023	AR2 revision (Paper 1 and Paper 2)	
13/02/2023	AR2 revision (Paper 1 and Paper 2)	

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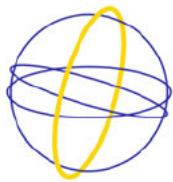
February Half Term		
27/02/2023	AR2 revision (Paper 1 and Paper 2)	AR2
6/03/2023	Final exam theory revision	AR2
13/03/2023	Final exam theory revision	
20/03/2023	Final exam theory revision	
27/03/2023	Final exam theory revision	
Easter		
17/04/2023	Final exam theory revision	
24/04/23	Final exam theory revision	
1/05/2023	Final exam theory revision	
8/05/2023		GCSE
15/05/23		GCSE
22/05/23		GCSE

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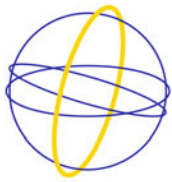
May Half Term		
05/06/2023		GCSE
12/06/2023		GCSE
19/06/2023		GCSE

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