

Yr12 (KS5)	Topic Area	Knowledge/skills to be taught.	Resources/support at home
Autumn 1	<ul style="list-style-type: none"> ● 3.1 Fundamentals of programming ● 3.2 Fundamentals of data structures ● 3.3 Systematic approach to problem solving ● 3.4 Theory of computation 	https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517/subject-content-as	Google classroom
Autumn 2	<ul style="list-style-type: none"> ● 3.5 Fundamentals of data representation ● 3.6 Fundamentals of computer systems ● 3.7 Fundamentals of computer 	https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517/subject-content-as	Google classroom

	<p>organisation and architecture</p> <ul style="list-style-type: none"> • 3.8 Consequences of uses of computing • 3.9 Fundamentals of communication and networking 		
Spring 1	Recap 3.1-3.9		Google classroom
Spring 2	Recap 3.1-3.9		Google classroom
Summer 1	Recap 3.1-3.9		Google classroom
Summer 2	Recap 3.1-3.9		Google classroom
Yr13 (KS5)	Topic Area	Knowledge/skills to be taught.	Resources/support at home
Autumn 1	<ul style="list-style-type: none"> • 4.1 Fundamentals of programming • 4.2 Fundamentals of data structures • 4.3 Fundamentals of algorithms 	https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517/subject-content-a-level	Google classroom

	<ul style="list-style-type: none"> • 4.4 Theory of computation • 4.5 Fundamentals of data representation • 4.14 Non-exam assessment - the computing practical project 		
Autumn 2	<ul style="list-style-type: none"> • 4.6 Fundamentals of computer systems • 4.7 Fundamentals of computer organisation and architecture • 4.8 Consequences of uses of computing • 4.9 Fundamentals of communication and networking 	https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517/subject-content-a-level	Google classroom

	<ul style="list-style-type: none"> • 4.10 Fundamentals of databases • 4.11 Big Data • 4.12 Fundamentals of functional programming • 4.13 Systematic approach to problem solving • 4.14 Non-exam assessment - the computing practical project 		
Spring 1	4.1-4.14	https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517/subject-content-a-level	Google classroom
Spring 2	4.1-4.14	https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517/subject-content-a-level	Google classroom
Summer 1	4.1-4.14	https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517/subject-content-a-level	Google classroom

Summer 2	4.1-4.14	https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517/subject-content-a-level	Google classroom
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