



Key Stage 4 Computer Science Curriculum Plan

KS4 Curriculum Intent - Our mission is to ensure students gain a broad range of digital skills to prepare them for the ever evolving digital world.

Year 10 LTP

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit covered	3.1 Fundamentals of algorithms 3.2 Programming	3.2 Programming	3.3 Fundamentals of data representation 3.4 Computer Systems	3.4 Computer Systems	3.5 Fundamentals of computer networks	3.2 Programming
Assessment	3.1 assessment	3.2 assessment	3.3.5 assessment	3.4.1 and 3.4.3 assessment 3.4.5 assessment	3.5 assessment	3.2 Programming Mock
Interleaving		3.1 Fundamentals of algorithms	3.1 Fundamentals of algorithms 3.2 Programming	3.3 Fundamentals of data representation	3.3 Fundamentals of data representation 3.4 Computer Systems	3.3 Fundamentals of data representation



Year 11 LTP

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit covered	3.6 Cyber Security 3.7 Databases	3.8 ethical, legal and environmental issues 3.1 reteach	3.4 reteach	Re-teach of all areas / areas of weakness (to be defined from the Mocks) From any of the following: 3.1 algorithms 3.2 programming 3.3 data representation 3.4 Computer Systems 3.5 Fundamentals of computer networks 3.6 Cyber Security 3.7 Databases 3.8 ethical, legal and environmental issues <u>In line with advanced notice</u>	Exams 16th and 27th may (3 teaching weeks after Easter) From any of the following: 3.1 algorithms 3.2 programming 3.3 data representation 3.4 Computer Systems 3.5 Fundamentals of computer networks 3.6 Cyber Security 3.7 Databases 3.8 ethical, legal and environmental issues <u>In line with advanced notice</u>	
Assessment	3.6 assessment 3.7 assessment	Mock 3.8 assessment	3.4 assessment	Mock Practice questions inline with topics from advanced notice	Practice questions inline with topics from advanced notice	
Interleaving	3.6 Cyber Security 3.7 Databases	3.1 reteach	3.4 reteach	Interleaving bespoke to group	Interleaving bespoke to group	