



## BRAKENHALE Subjects at a Glance

### Subject : IT and Computing

2020-2021	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5
Year 7	Digital Citizen	Being Creative 1	Scratch	Being Creative 2	Programming
Year 8	How Computers work	Being Creative 1	Digital world	Being Creative 2	Programming
Year 9	Binary Bits	Being Creative 1	Being Creative 2	Databases	Programming

2020-2021	Autumn Term		Spring Term		Summer Term	
Year 10 (Computer Science)	C1 Computer Systems	C2 Programming and Algorithms	C1 Computer Systems	C2 Programming and Algorithms	C1 Computer Systems	C2 Programming and Algorithms
Year 11 (Computer Science)	C1 Computer Systems	C2 Programming and Algorithms	C1 Computer Systems	C2 Programming and Algorithms	C1 Computer Systems	
Year 10 (IT)	LO1 – Projects	LO2 – Planning tools	LO3 – Data and information	LO4 - Threats	LO5 - Databases	LO6 - Software
Year 11 (IT)	LO1, 3,4,6	LO1, 3,4,6	R013 - Coursework	R013 - Coursework	LO1, 3,4,6	



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2020-2021	Autumn Term		Spring Term		Summer Term	
Year 12 (Computer Science)	<b>C1 – Computing principles</b>	<b>C2 - Algorithms</b>	<b>C1 – Computing principles</b>	<b>C2 - Algorithms</b>	<b>C1 – Computing principles</b>	<b>C3 - Project</b>
Year 13 (Computer Science)	<b>C1 – Computer Systems</b>	<b>C2 - Algorithms</b>	<b>C1 – Computer Systems</b>	<b>C3 - Project</b>	<b>C1 – Computer Systems</b>	
Year 12 (BTEC IT)	<b>1 – IT Systems</b>	<b>1 – IT Systems</b>	<b>1 – IT Systems</b>	<b>1 – IT Systems</b>	<b>5- Data Modelling</b>	<b>5- Data Modelling</b>
Year 13 (BTEC IT)	<b>2 – Creating systems to manage information</b>	<b>2 – Creating systems to manage information</b>	<b>2 – Creating systems to manage information</b>	<b>3 – Using Social Media in Business</b>	<b>3 – Using Social Media in Business</b>	