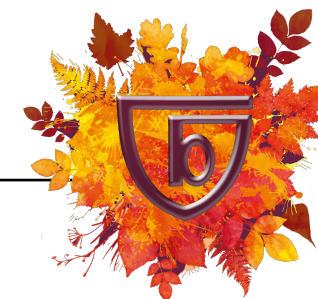


BRAKENHALE Subjects at a Glance

Subject : IT and Computing

	Topic 1	Topic 2	Topic 3	Topic 4
Year 7	Digital Citizen : Becoming a responsible digital citizen through e-safety	Being Creative 1 : introduction into the world of solving problems with spreadsheets	Python Turtle : Introduction to text-based programming using Turtle	Being Creative 2 : introduction to the world of creating digital products using Publisher and Photoshop
Year 8	How Computers work : explore the hardware components of a computer	Being Creative 1 : explore the world of modelling and 'What-if' questions with spreadsheets	Digital world : explore how to protect yourself and others from cyber threats	Being Creative 2 : explore HTML and CSS to create content rich web pages
Year 9	Binary Bits : explore how a computer turns electricity into 'magic'	Being Creative : create vector graphics	Databases : introduction into relational databases	Digital Native : explore how computers impact society today and tomorrow



BRAKENHALE Subjects at a Glance

	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	

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