Barr Beacon School
Curriculum Plan

BTEC Level 2 Digital IT

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Technology Rotation: Computing – Digital literacy, Computer hardware, computational thinking & Algorithms					
8	Technology Rotation: Computing – Algorithms, binary, data types and Boolean logic					
9	**Rotation:** Computing – Programming in Python & modelling data					
10	Component 1: Investigate user interface design for individuals and organisations	Component 1: Audience needs, and design principles	Component 1: Use project planning techniques to plan and design a user interface	Component 1: Develop and review a user interface	Component 2: investigate the role and impact of using data on individuals and organisations	Component 2: different ways of representing information situations where they are used.
11	Component 2: Create a dashboard using data manipulation tools	Component 2: Draw conclusions and review data presentation methods	Component 3: Modern technologies	Component 3: Cyber security	Component 3: The wider implications of digital systems	Component 3: Planning and communication in digital systems
	Curriculum Rationale: Pupils will develop the necessary skills knowledge and understanding to prepare them for the technological demands of society. Pupils are exposed to all three strands of the National Curriculum (Information Technology, Computer Science and Digital Literacy) to ensure that they are proficient users and practitioners while understanding the dangers and pitfalls of the technology. Computing will equip pupils with appropriate skills for all subjects and prepare them for appropriate computational thinking and skills in the wider workplace.					