Curriculum Plans – Year 7 – Computer Science – Academic Year 2023/24
Please find below a detailed outline of the curriculum covered in Computer Science curriculum through Year 7 in Key Stage 3.

	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7
Topic	**Using media for a cause:** Online research skills Validation and verification of online sources referencing Image rights Blogging	**Think like a computer scientist:** Computational thinking Introduction to programming with edu blocks	**Robotics:** Invention squad unit Introduction to lego robotics and programming block coding problem solving	**Spreadsheet modeling:** Creating spreadsheet models Pie charts Filtering and sorting data Basic formulae and functions in sheets	**Clear messaging in digital media:** Posters Presentations Creating a brand	**Binary basics:** Base 2 binary system vs base 10 converting between binary and base 10 numbers	**Physical Computing:** Micro:bits Writing block code to control inputs and outputs (sensors, lights and sound)
Assessments	Blog post about a cause.	Edublocks shapes code and hour of code activities	Own design moving robot	Spreadsheet model workbook	presentation and poster campaign	Binary test	Micro:bit's poster
Academic Theme	Planning for Tomorrow	The World around us	Better Together	The Working World	Opportunities for Everyone	Keep it Green, Keep it Clean	Healthy Body, Healthy Mind