



Bloxwich Academy
'Be The Best You Can Be'

Computing Framework Overview (2023/24)

Overview

This progression map shows the concepts taught to pupils from Year 1 to Year 6. Computing is mapped across each term and concepts revisited incorporating a spiral approach through retrieval this is to ensure we broaden and deepen pupils' knowledge and they have the chance to use and apply new knowledge.

Term	Autumn		Spring		Summer	
Year 1	Computing Systems and Networks <i>Technology Around Us</i>	Creating Media <i>Digital Painting</i>	Programming <i>Moving a Robot</i>	Data and Information <i>Grouping Data</i>	Creating Media <i>Digital Writing</i>	Programming <i>Programming Animations</i>
Year 2	Computing Systems and Networks <i>IT Around Us</i>	Creating Media <i>Digital Photography</i>	Programming <i>Robot Algorithms</i>	Data and Information <i>Pictograms</i>	Creating Media <i>Digital Music</i>	Programming <i>Programming Quizzes</i>
Year 3	Computing Systems and Networks <i>Connecting Computers</i>	Creating Media <i>Stop-frame animation</i>	Programming <i>Sequencing Sounds</i>	Data and Information <i>Branching Databases</i>	Creating Media <i>Desktop Publishing</i>	Programming <i>Events and Actions in Programs</i>
Year 4	Computing Systems and Networks <i>The Internet</i>	Creating Media <i>Photo Editing</i>	Programming <i>Repetition in Shapes</i>	Programming <i>Repetition in Games</i>	Data and Information <i>Data Logging</i>	Creating Media <i>Audio Editing</i>
Year 5	Computing Systems and Networks <i>Systems and Searching</i>	Creating Media <i>Video Production</i>	Programming <i>Selection in Physical Computing</i>	Data and Information <i>Flat-file Databases</i>	Creating Media <i>Vector Graphics</i>	Programming <i>Selection in Quizzes</i>
Year 6	Computing Systems and Networks <i>Communication and Collaboration</i>	Creating Media <i>Web Page Creation</i>	Programming <i>Variables in Games</i>	Data and Information <i>Introduction to Spreadsheets</i>	Creating Media <i>3D Modelling</i>	Programming <i>Sensing Movement</i>