

COMPUTING CURRICULUM MAP

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	All About Me; Paint – JIT5 App	Video Clips – Festivals and Celebrations	Apps - Numbots	Local area – Google maps	Rosie walk - Beebots	Underwater – Google Earth
1	Computing Systems and networks – Technology around us	Creating media – Digital painting	Programming A – Moving a robot	Data and information – Grouping data	Creating media – Digital writing	Programming B – Introduction to animation
2	Computing systems and networks – IT around us	Creating media – Digital photography	Programming A – Robot algorithms	Data and information - Pictograms	Creating media – Making music	Programming B – An introduction to quizzes
3	Computing systems and networks – Connecting computers	Creating media – Stop Frame Animation	Programming A – Sequence sounds	Data and information – Branching databases	Creating media – Desktop publishing	Programming B – Events and actions in programmes

4	Computing systems and networks – The Internet	Creating media – Audio production	Programming A – Repetition in shapes	Data and information – Data logging	Creating media – Photo editing	Programming B – Repetition in games
5	Computing systems and networks – Systems and searches	Creating media – Video production	Programming A – Selection in physical computing	Data and information – Flat file databases	Creating media – Introduction to vector graphics	Programming B – Selection in quizzes
6	Computing systems and networks – Communication and collaboration	Creating media – Web page creation	Programming A – Variables in games	Data and information - Spreadsheets	Creating media – 3D modelling	Programming B – Sensing

DIGITAL RESEARCH PROGRESSION MAP – This can be cross-curricular

Year 1

Use a simple search to find information or files.

Year 2

Navigate the web and carry out simple searches using suitable search engines and begin to understand that not everything on the internet is true.

Year 3

Develop their search strategies further by refining their use of keywords and starting to use appropriate key phrases and questions.

Year 4

Understand how search operators (e.g. Boolean operators) and modifiers can change searches and select appropriate information for their tasks.

Year 5

Understand about the use of operators in searching and continue developing their effective search techniques by using different operators in their searches.

Year 6

Use advanced searches including the use of operators