Computing Knowledge Building

E-Safety

Understand the importance of copyright and know how to critically evaluate websites for reliability and authenticity

Know that not everything online is true and know when and who it is safe to share personal information with

Know that everything online is public and know what to do if they see something they don't like

Know that adult supervision is needed when online and not to click if unsure

E-Safety

Computer Science

Know how to recognise, create and combine variables

Know how to use repetition, loops and selection and how to decompose problems to create solutions

Understand that the order of instructions in an algorithm is important and that they need to be clear and unambiguous

Know how to follow and input simple instructions to control and operate devices

Computer Science

Data

Know what a spreadsheet is, what it is used for and how to create one

Know that information can be stored and shared on the Internet and know how to draw conclusions from a database

Know how to use specific software to create simple charts, pictograms and branching databases

Know how to collect, sort and present simple data e.g. images

Data

Computing Knowledge Building

Communication	Technical Vocabulary	Multimedia
Know how to create a consistent design or theme for documents and presentations	Know and understand the terms 'block', 'commmand', 'simulation', 'script' and 'variables'	Know how to identify hardware / software needed to fulfil a specific task & create new content using existing media
Know how to safely email, add & open attachments and produce documents and presentations of increasing complexity	Know and understand the terms 'network', 'input', 'output', 'World Wide Web', 'PageRank' and 'Sprite'	Know how to use a range of tools to edit and enhance a range of media for a particular purpose or effect
Know the basics of word processing and creating presentations, including cut, copy, paste and inserting text and graphics	Know and understand the terms 'algorithm', 'search', 'sequence', 'selection' and 'debug'	Know how to create simple digital content and choose media to convey information or intent
Know the importance of following simple instructions when using technology	Know and understand the terms 'information', 'Internet' and 'program'	Know how to create simple digital content and choose media to convey information or intent
Communication	**Technical Vocabulary**	**Multimedia**