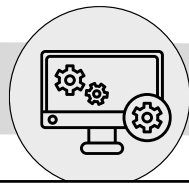


Computing

British Values



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Half Term	Lego builders/Maze explorers	Effective Searching	Coding	Coding	Coding	Spreadsheets - Excel
	This unit encourages children to begin to think logically about scenarios. Children will be introduced to the term 'algorithm'. This concept is at the core of coding. The next unit (Maze Explorers), builds upon this, linking logical thought processes to the way that computers are programmed.	This unit will allow the children to develop an understanding of what the Internet is. It will also give them the basic tools to help them search for information more effectively. The lessons are not tied to a browser, but the screenshots are all from Chrome.	The coding lessons in these units are structured around the PRIMM approach. The whole approach may take place during a lesson or series of lessons. Predict... what this code will do, Run... the code to check your prediction, Investigate... trace through the code to see if you were correct, Modify... the code to add detail, change actions/outcome, Make... a new program that uses the same ideas in a different way.	The coding lessons in these units are structured around the PRIMM approach. The whole approach may take place during a lesson or series of lessons. Predict... what this code will do, Run... the code to check your prediction, Investigate... trace through the code to see if you were correct, Modify... the code to add detail, change actions/outcome, Make... a new program that uses the same ideas in a different way.	The coding lessons in these units are structured around the PRIMM approach. The whole approach may take place during a lesson or series of lessons. Predict... what this code will do, Run... the code to check your prediction, Investigate... trace through the code to see if you were correct, Modify... the code to add detail, change actions/outcome, Make... a new program that uses the same ideas in a different way.	The coding lessons in these units are structured around the PRIMM approach. The whole approach may take place during a lesson or series of lessons. Predict... what this code will do, Run... the code to check your prediction, Investigate... trace through the code to see if you were correct, Modify... the code to add detail, change actions/outcome, Make... a new program that uses the same ideas in a different way.
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Half Term	Animated Storybooks	Coding	Presentation using Powerpoint	Making music	Game Creator	Understanding Binary
	The series of lessons will provide an opportunity for the children to develop the skills to create, organise, store, manipulate and retrieve digital content through the creation of their own animated story book.	The coding lessons in these units are structured around the PRIMM approach. The whole approach may take place during a lesson or series of lessons. Predict... what this code will do, Run... the code to check your prediction, Investigate... trace through the code to see if you were correct, Modify... the code to add detail, change actions/outcome, Make... a new program that uses the same ideas in a different way.	For this unit children will learn how to use Microsoft Powerpoint effectively and the different functions it has including transitions and animations	The lessons encourage children to discuss and experiment with the main elements of a piece of music and allows them to compose themselves.	In this unit the children will be analysing and reviewing games before designing their own games and ending with them completing peer and self evaluations of the games they have created	The unit covers the binary system which involves the children writing digital data that involves just 0's and 1's
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