Computing Key Concepts 2022-2023

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Nursery	All about me and my Family	Colours and Patterns	Journeys	The Changing World Around Me	Amazing Animals	Once Upon a Time
Reception	All about Me and my Wonderful Body	Tales from long ago	People Who Help Us	The World Around Me	Amazing Animals	Water What is life on an island?
Year 1	**Information Technology** **Internet Safety** Computing systems and networks-Technology around us (e-safety)	**Information Technology** **Internet Safety** Creating media-digital painting	**Information Technology** **Digital Literacy** **Internet Safety** Programming- moving a robot	**Information Technology** **Computer Science** **Internet Safety** Creating Media (Digital writing)	**Information Technology** **Digital Literacy** **Internet Safety** Databases- Grouping data	**Computer Science** **Internet Safety** Programming- Introduction into animation
Year 2	**Information Technology** **Digital Literacy** **Internet Safety** Computing systems and networks-Technology around us (e-safety)	**Information Technology** **Digital Literacy** **Internet Safety** Creating media-digital painting	**Information Technology** **Internet Safety** Creating Media (making Music)	**Information Technology** **Computer Science** **Internet Safety** Programming- Robot Algorithms	**Information Technology** **Digital Literacy** **Internet Safety** Databases-Pictograms	**Computer Science** **Internet Safety** Programming Quizzes
Year 3/4	**Information Technology** **Digital Literacy** **Computer Science** **Internet Safety** Computing systems and networks	**Digital Literacy** **Internet Safety** Creating media - Desktop publishing	**Digital Literacy** **Internet Safety** Creating media - Stop-frame animation	**Digital Literacy** **Computer Science** **Internet Safety** Programming - Sequence in music	**Digital Literacy** **Internet Safety** Data and information Branching databases	**Digital Literacy** **Computer Science** **Internet Safety** Programming - Events and actions
Year 4/5	**Information Technology** **Digital Literacy** **Internet Safety** Computing systems and networks – Technology around us	**Digital Literacy** **Internet Safety** Creating media - Photo editing	**Digital Literacy** **Internet Safety** Creating media - Audio editing	**Digital Literacy** **Computer Science** **Internet Safety** Programming - Repetition in shape	**Digital Literacy** **Computer Science** **Internet Safety** Data and information - Data logging	**Computer Science** **Internet Safety** Programming - Repetition in games
Year 5/6	**Information Technology** **Digital Literacy** **Computer Science** **Internet Safety** Computing systems and networks - Sharing information	**Digital Literacy** **Internet Safety** Creating media – Vector drawing	**Digital Literacy** **Internet Safety** Creating media - Video editing	**Digital Literacy** **Computer Science** **Internet Safety** Programming - Selection in physical computing	**Digital Literacy** **Internet Safety** Data information - Flat file databases	**Digital Literacy** **Computer Science** **Internet Safety** Programming - Selection in quizzes

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