



Sandal Magna Primary Academy

Computing

Long Term Plan



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Familiarisation and log on time (2 weeks) Unit 1.1 Online safety and exploring purple mash (4 weeks)	Unit 1.2 Grouping and sorting (2 Weeks) Unit 1.3 Pictograms (3 weeks)	Unit 1.4 Lego Builders (3 weeks) Unit 1.5 Maze Explorers (3 weeks)	Unit 1.6 Animated story books (5 Weeks)	Unit 1.7 Coding (6 Weeks)	Unit 1.9 Technology outside school (2 Weeks)
Year 2	Unit 2.1 Coding (6 Weeks)	Unit 2.2 Online Safety (3 Weeks) Unit 2.3 Spreadsheets (3 Weeks)	Unit 2.4 Questioning (5 Weeks)	Unit 2.5 Effective Searching (3 Weeks) Unit 2.6 Creating pictures (5 Weeks)	Unit 2.6 Creating pictures (5 Weeks) Unit 2.7 Making Music (3 weeks)	Unit 2.8 Presenting ideas (4 Weeks) (3 weeks left for revisiting/time lost)
Year 3	Unit 3.1 Coding (6 Weeks)	Unit 3.2 Online Safety (3 Weeks) Unit 3.3 Spreadsheets (3 Weeks)	Unit 3.5 Email (6 Weeks)	Unit 3.6 Branching Databases (4 Weeks)	Unit 3.7 Simulations (3 Weeks) Micro:bits (4 Weeks)	Unit 3.9 Presenting MS PowerPoint (4 Weeks) Unit 3.8 Graphing – WR Statistics (3 Weeks)
Year 4	Unit 4.1 Coding (6 Weeks)	Unit 4.2 Online Safety (4 Weeks)	Unit 4.4 Writing for different audiences (5 Weeks)	Unit 4.6 Animation (3 Weeks) Unit 4.7 Effective Search (3 Weeks)	Unit 4.8 Hardware Investigators (2 Weeks) Unit 4.10 Introduction to AI (4 weeks)	Unit 4:11 Micro:bit (4 weeks) Unit 4.5 Logo – WR position and direction (4 Weeks)
Year 5	Unit 5.1 Coding (6 Weeks)	Unit 5.2 Online Safety (3 Weeks) Unit 5.3 Spreadsheets (4 Weeks)	Unit 5.3 Spreadsheets (2 Weeks) Unit 5.4 Databases (4 Weeks)	Unit 5.5 Game Creator (5 Weeks)	Unit 5.6 3D Modelling (4 Weeks) Unit 5.7 Concept maps (2 Weeks)	Unit 5.7 Concept maps (2 Weeks) Unit 5:9 External Devices – Micro:bit (6 Weeks)
Unit 5.8 Word Processing – MS Word Ongoing throughout the year (Focus on Autumn 2)						
Year 6	Unit 6.1 Coding (6 Weeks)	Unit 6.2 Online Safety (2 Weeks) Unit 6.4 Blogging (4 Weeks)	Unit 6.5 Text Adventures (5 Weeks) Unit 6.6 Networks (1 Weeks)	Unit 6.6 Networks (2 Weeks) Unit 6.7 Quizzing (3 weeks)	Unit 6.7 Quizzing (2 weeks) Unit 6.8 Understanding Binary (4 weeks)	6.9 Spreadsheets – Excel (8 Weeks)



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