

# Computing Long Term Planning

## Cycle A

A	Autumn			Spring			Summer		
1	Farms and food			Homes			Toys		
	<b>Unit 1.1</b> <b>Online Safety</b> Weeks – 4	<b>Unit 1.7</b> <b>Coding</b> Weeks – 6 Programs – 2Code	<b>Unit 1.4</b> <b>Lego Builders</b> Weeks – 3 Programs – 2DIY	<b>Unit 1.5</b> <b>Maze Explorers</b> Weeks – 3 Programs – 2Go	<b>Unit 1.8</b> <b>Spreadsheets</b> Weeks – 3 2Calculate	<b>Unit 1.9</b> <b>Technology outside school</b> Weeks – 2 Programs – Various			
2	Food and farming			Houses and Homes			Transport/ Holidays		
	<b>Unit 1.1</b> <b>Online Safety</b> Weeks – 4 Programs – Various	<b>Unit 1.2</b> <b>Grouping &amp; Sorting</b> Weeks – 2 Programs – 2DIY	<b>Unit 1.3</b> <b>Pictograms</b> Weeks – 3 Programs – 2Count	<b>Unit 1.4</b> <b>Lego Builders</b> Weeks – 3 Programs – 2DIY	<b>Unit 1.5</b> <b>Maze Explorers</b> Weeks – 3 Programs – 2Go	<b>Unit 1.6</b> <b>Animated Stories</b> Weeks – 5 – 2Create A Story	<b>Unit 1.7</b> <b>Coding</b> Weeks – 6 Programs – 2Code	<b>Unit 1.8</b> <b>Spreadsheets</b> Weeks – 3 Programs – 2Calculate	<b>Unit 1.9</b> <b>Technology outside school</b> Weeks – 2
3	Stone Age			Rivers			Romans		
	<b>Unit 3.1</b> <b>Coding</b> Number of Weeks – 6 Main Programs – 2Code	<b>Unit 3.2</b> <b>Online safety</b> Weeks – 3 Programs – Various	<b>Unit 3.3</b> <b>Spreadsheets</b> Weeks – 3 Programs – 2Calculate	<b>Unit 3.4</b> <b>Touch Typing</b> Weeks – 4 Programs – 2Type	<b>Unit 3.5</b> <b>Email</b> Weeks – 6 – 2Email, 2Connect, 2DIY	<b>Unit 3.6</b> <b>Branching Databases</b> Weeks – 4 Programs 2Question	<b>Unit 3.7</b> <b>Simulations</b> Weeks – 3 Programs – 2Simulate, 2Publish	<b>Unit 3.8</b> <b>Graphing</b> Weeks – 3 Programs – 2Graph	
4	Anglo-Saxons/ WW1			World Explorers			Sustainability		
	<b>Unit 5.1</b> <b>Coding</b> Number of Weeks – 6 2Code	<b>Unit 5.2</b> <b>Online safety</b> Weeks – 3	<b>Unit 5.3</b> <b>Spreadsheets</b> Weeks – 3 Programs – 2Calculate	<b>Unit 5.4</b> <b>Databases</b> Weeks – 4 2Question, 2Investigate	<b>Unit 5.5</b> <b>Game Creator</b> Weeks – 5 Programs – 2DIY 3D	<b>Unit 5.6</b> <b>3D Modelling</b> Weeks – 4 2Design and Make	<b>Unit 5.7</b> <b>Concept Maps</b> Weeks – 4 Programs – 2Connect		
5	Vikings			Rainforests			Natural Disasters		
	<b>Unit 5.1</b> <b>Coding</b>	<b>Unit 5.2</b>	<b>Unit 5.3</b> <b>Spreadsheets</b>	<b>Unit 5.4</b> <b>Databases</b>	<b>Unit 5.5</b> <b>Game Creator</b>	<b>Unit 5.6</b> <b>3D Modelling</b>	<b>Unit 5.7</b> <b>Concept Maps</b>		

	<b>Number of Weeks – 6</b> 2Code	<b>Online safety</b> Weeks – 3	<b>Weeks – 3</b> Programs – 2Calculate	<b>Weeks – 4</b> 2Question, 2Investigate	<b>Weeks – 5</b> Programs – 2DIY 3D	<b>Weeks – 4</b> 2Design and Make	<b>Weeks – 4</b> Programs – 2Connect
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Cycle B

B	Autumn			Spring			Summer	
	Ourselves			Animals			The seaside	
1	<b>Unit 1.1</b> <b>Online Safety</b> Weeks – 4	<b>Unit 1.2</b> <b>Grouping &amp; Sorting</b> Weeks – 2 2DIY		<b>Unit 1.3</b> <b>Pictograms</b> Weeks – 3 2Count			<b>Unit 1.6</b> <b>Animated Story Books</b> Weeks – 5 2Create A Story	
	Katie Morag			Famous people			The Great Fire of London	
2	<b>Unit 2.1</b> <b>Coding</b> Weeks – 5 2Code	<b>Unit 2.2</b> <b>Online Safety</b> Weeks – 3	<b>Unit 2.3</b> <b>Spreadsheets</b> Weeks – 4 2Calculate	<b>Unit 2.4</b> <b>Questioning</b> Weeks – 5 2Question, 2Investigate	<b>Unit 2.5</b> <b>Effective Searching</b> Weeks – 3	<b>Unit 2.6</b> <b>Creating Pictures</b> Weeks – 5 2PaintAPicture	<b>Unit 2.7</b> <b>Making Music</b> Weeks – 3 Programs – 2Sequence	<b>Unit 2.8</b> <b>Presenting Ideas</b> Weeks – 4
	Local history & wildlife			Egyptians			Contrasting Locations	
3	<b>Unit 2.1</b> <b>Coding</b> Weeks – 5 Programs – 2Code	<b>Unit 2.2</b> <b>Online Safety</b> Weeks – 3 Programs – Various	<b>Unit 2.3</b> <b>Spreadsheets</b> Weeks – 4 Programs – 2Calculate	<b>Unit 2.4</b> <b>Questioning</b> Weeks – 5 2Question, 2Investigate	<b>Unit 2.5</b> <b>Effective Searching</b> Weeks – 3	<b>Unit 2.6</b> <b>Creating Pictures</b> Weeks – 5 2PaintAPicture	<b>Unit 2.7</b> <b>Making Music</b> Weeks – 3 Programs – 2Sequence	<b>Unit 2.8</b> <b>Presenting Ideas</b> Weeks – 4 Programs – Various
	WW2			France			Mayans	
4	<b>Unit 3.1</b> <b>Coding</b> Number of Weeks – 6 2Code	<b>Unit 4.2</b> <b>Online safety</b> Weeks – 4	<b>Unit 4.3</b> <b>Spreadsheets</b> Weeks – 6 Programs – 2Calculate	<b>Unit 4.4</b> <b>Writing</b> Weeks – 5 2Email, 2DIY 2Connect,	<b>Unit 4.5</b> <b>Logo</b> Weeks – 4 Programs – Logo	<b>Unit 4.6</b> <b>Animation</b> Weeks – 3 Programs – 2Animate	<b>Unit 4.7</b> <b>Effective Search</b> Weeks – 3 Programs – Browser	<b>Unit 4.8</b> <b>Hardware Investigators</b> Weeks – 2
	Greeks			Victorians			Contrasting locality	
5	<b>Unit 6.1</b> <b>Coding</b> Number of Weeks – 6	<b>Unit 6.2</b> <b>Online safety</b>	<b>Unit 6.3</b> <b>Spreadsheets</b> Weeks – 5	<b>Unit 6.4</b> <b>Blogging</b> Weeks – 5	<b>Unit 6.5</b> <b>Text Adventures</b> Weeks – 5	<b>Unit 6.6</b> <b>Networks</b> Weeks – 3	<b>Unit 6.7</b> <b>Quizzing</b> Weeks – 6	<b>Unit 6.8</b> <b>Binary</b> Weeks – 4

	Programs – 2Code	Weeks – 3	Programs – 2Calculate	Programs – 2Blog	Programs – 2Connect		Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate	
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Cycle B

Theme Key:															
	Coding and Computational thinking		Spreadsheets		Internet and Email		Art and Design		Music		Databases and graphing		Writing and Presenting		Communication and networks