## **All Unit Summary**

# Predominant Area of Computing\* Computer Information Digital Science Technology

#### Year 1

*Most units wil	l include as	pects of all	strands.
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	Unit 1.1	Unit 1.2	Unit 1.3	Unit 1.4	Unit 1.5	Unit 1.6	Unit 1.7	Unit 1.8	Unit 1.9
	Online Safety & Exploring Purple Mash	Grouping & Sorting	Pictograms	Lego Builders	Maze Explorers	Animated Story Books	Coding	Spreadsheets	Technology outside school
Number of lessons	4	2	3	3	З	5	6	3	2
Main tool			2Count		2Go	2Create A Story	2Code	2Calculate	

#### Year 2

	Unit 2.1	Unit 2.2	Unit 2.3	Unit 2.4	Unit 2.5	Unit 2.6	Unit 2.7	Unit 2.8
	Coding	Online Safety	Spreadsheets	Questioning	Effective Searching	Creating Pictures	Making Music	Presenting Ideas
Number of lessons	5	3	4	5	3	5	3	4
Main tool	2Code		2Calculate	2Question 2Investigate		2Paint A Picture	2Sequence	

	Unit 3.1	Unit 3.2	Unit 3.3	Unit 3.4	Unit 3.5	Unit 3.6	Unit 3.7	Unit 3.8	Unit 3.9
	Coding	Online safety	Spreadsheets	Touch Typing	Email (inc. email safety)	Branching Databases	Simulations	Graphing	Presenting
Number of lessons	6	3	3 4 lessons for Crash Course	4	6	4	3	3	5\6*
Main tool	2Code		2Calculate	2Туре	2Email	2Question	2Simulate	2Graph	PowerPoint or Google Slides

<sup>\*</sup>Platform dependent



	Unit 4.1	Unit 4.2	Unit 4.3	Unit 4.4	Unit 4.5	Unit 4.6	Unit 4.7	Unit 4.8	Unit 4.9
	Coding	Online Safety	Spreadsheets	Writing for Different Audiences	Logo	Animation	Effective Searching	Hardware Investigators	Making Music
Number of lessons	6	4	6	5	4	3	3	2	4
Main tool	2Code		2Calculate		2Logo	2Animate			Busy Beats

#### Year 5

	Unit 5.1	Unit 5.2	Unit 5.3	Unit 5.4	Unit 5.5	Unit 5.6	Unit 5.7	Unit 5.8
	Coding	Online Safety	Spreadsheets	Databases	Game Creator	3D Modelling	Concept Maps	Word Processing
Number of lessons	6	3	6	4	5	4	4	8
Main tool	2Code		2Calculate	2Investigate	2DIY 3D	2Design & Make	2Connect	MS Word or Google Docs

	Unit 6.1	Unit 6.2	Unit 6.3	Unit 6.4	Unit 6.5	Unit 6.6	Unit 6.7	Unit 6.8	6.9
	Coding	Online Safety	Spreadsheets	Blogging	Text Adventures	Networks	Quizzing	Understanding Binary	Spreadsheets
Number of lessons	6	2	5	4	5	3	6	4	8
Main tool	2Code		2Calculate	2Blog			2Quiz		Excel or Google Sheets

## Units by Year Group - Single Age

**Classes** 

Predominant Area of Computing\*

Computer Information Digital
Science Technology Literacy

## Year 1

\*Most units will include aspects of all strands.

It is recommended that you teach unit 1.1 first as it introduces Purple Mash.

<b>Unit 1.1</b>	Unit 1.2	Unit 1.3
Online Safety & Exploring Purple Mash	Grouping & Sorting	Pictograms
Number of lessons – 4	Number of lessons – 2	Number of lessons – 3
Programs – Various	Programs – 2DIY	Programs – 2Count
Unit 1.4	<b>Unit 1.5</b>	Unit 1.6
Lego Builders	Maze Explorers	Animated Story Books
Number of lessons – 3	Number of lessons – 3	Number of lessons – 5
Programs – 2DIY	<b>Programs</b> – 2Go	<b>Programs</b> – 2Create A Story
Unit 1.7	Unit 1.8	Unit 1.9
Coding	Spreadsheets	Technology outside school
Number of lessons – 6	Number of lessons – 3	Number of lessons – 2
<b>Programs</b> – 2Code	Programs – 2Calculate	<b>Programs</b> – Various



Predominant Area of Computing*						
Computer	Computer Information Digital					
Science Technology Literacy						

<sup>\*</sup>Most units will include aspects of all strands.

Unit 2.1	Unit 2.2	Unit 2.3
Coding	Online Safety	Spreadsheets
Number of lessons – 5  Programs – 2Code	Number of lessons – 3  Programs – Various	Number of lessons – 4  Programs –  2Calculate
Unit 2.4	Unit 2.5	Unit 2.6
Questioning	Effective Searching	Creating Pictures
Number of lessons – 5	Number of lessons – 3	Number of lessons – 5
Programs – 2Question, 2Investigate	<b>Programs</b> – Browser	Programs – 2PaintAPicture
Unit 2.7	Unit 2.8	
Making Music	Presenting Ideas	
Number of lessons – 3	Number of lessons – 4	
Programs – 2Sequence	<b>Programs</b> – Various	



Predominant Area of Computing*					
Computer Information Digital					
Science	Technology	Literacy			

<sup>\*</sup>Most units will include aspects of all strands.

Unit 3.1	Unit 3.2	Unit 3.3
Coding	Online safety	Spreadsheets
Number of lessons – 6	Number of lessons – 3	Number of lessons – 3*
Main Programs – 2Code	<b>Programs</b> – Various	Programs – 2Calculate
Unit 3.4	Unit 3.5	Unit 3.6
Touch Typing	Email (including email safety)	Branching Databases
Number of lessons – 4	Number of lessons – 6	Number of lessons – 4
Programs – 2Type	Programs – 2Email, 2Connect, 2DIY	<b>Programs</b> – 2Question
Unit 3.7	Unit 3.8	Unit 3.9
Simulations	Graphing	Presenting (with Microsoft PowerPoint or Google Slides)
Number of lessons – 3	Number of lessons – 3	N 1 61
Programs – 2Simulate, 2Publish	<b>Programs</b> – 2Graph	Number of Lessons – 5 or 6 (version dependent) Main Program – MS PowerPoint or Google Slides

<sup>\*</sup>The Spreadsheets Crash-Course has 4 lessons



Predominant Area of Computing*			
Computer	Information	Digital	
Science	Technology	Literacy	

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Unit 4.1 Coding	Unit 4.2 Online safety	Unit 4.3 Spreadsheets
Number of lessons – 6  Main Programs –  2Code	Number of lessons – 4  Programs – Various	Number of lessons – 6  Programs – 2Calculate
Unit 4.4	Unit 4.5	Unit 4.6
Writing for different audiences	Logo	Animation
Number of lessons – 5	Number of lessons – 4	Number of lessons – 3
Programs – 2Email, 2Connect, 2DIY	<b>Programs</b> – Logo	<b>Programs</b> – 2Animate
Unit 4.7	Unit 4.8	Unit 4.9
Effective Search	Hardware	Making Music
	Investigators	Number of Lessons – 4
Number of lessons – 3  Programs – Browser	Number of lessons – 2	<b>Main Program</b> – Busy Beats