

Tiger Class

2021-2022

Units by Year Group – Single Age Classes

Predominant Area of Computing*		
	Computer Science	
	Information Technology	
		Digital 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.

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

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

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

Elephant Class

2021-2022

Units by Year Group – Single Age Classes

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

*Most units will include aspects of all strands.

Year 1

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

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

Elephant Class

2022-2023

Purple Mash Computing Scheme of Work – Single Age Year Groups

Year 2

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

*Most units will include aspects of all strands.

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

Penguin Class

2021-2022

Purple Mash Computing Scheme of Work – Single Age Year Groups

Year 3

Predominant Area of Computing*		
	Computer Science	
	Information Technology	
		Digital Literacy

*Most units will include aspects of all strands.

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

Penguin Class

2022-2023

Purple Mash Computing Scheme of Work – Single Age Year Groups

Year 3

Predominant Area of Computing*		
	Computer Science	
	Information Technology	
		Digital Literacy

*Most units will include aspects of all strands.

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

Lion Class
2021-2022

Purple Mash Computing Scheme of Work – Single Age Year Groups

Year 4

Predominant Area of Computing*		
	Computer Science	
	Information Technology	
	Digital Literacy	

*Most units will include aspects of all strands.

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

Lion Class
2022-2023

Purple Mash Computing Scheme of Work – Single Age Year Groups

Year 4

Predominant Area of Computing*		
	Computer Science	
	Information Technology	
	Digital Literacy	

*Most units will include aspects of all strands.

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

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Purple Mash Computing Scheme of Work – Single Age Year Groups

Year 5

Predominant Area of Computing*		
	Computer Science	
	Information Technology	
	Digital Literacy	

*Most units will include aspects of all strands.

<p>Unit 5.1 Coding</p> <p>Number of lessons – 6</p> <p>Main Programs – 2Code</p>	<p>Unit 5.2 Online safety</p> <p>Number of lessons – 3</p> <p>Programs - Various</p>	<p>Unit 5.3 Spreadsheets</p> <p>Number of lessons – 6</p> <p>Programs – 2Calculate</p>
<p>Unit 5.4 Databases</p> <p>Number of lessons – 4</p> <p>Programs – 2Question, 2Investigate</p>	<p>Unit 5.5 Game Creator</p> <p>Number of lessons – 5</p> <p>Programs – 2DIY 3D</p>	<p>Unit 5.6 3D Modelling</p> <p>Number of lessons – 4</p> <p>Programs – 2Design and Make</p>
<p>Unit 5.7 Concept Maps</p> <p>Number of lessons – 4</p> <p>Programs – 2Connect</p>	<p>Unit 5.8 Word processing (with Microsoft Word or Google Docs)</p> <p>Number of Lessons – 8</p> <p>Main program – MS Word or Google Docs</p>	

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Year 5

Predominant Area of Computing*		
	Computer Science	
	Information Technology	
	Digital Literacy	

*Most units will include aspects of all strands.

<p>Unit 5.1 Coding</p> <p>Number of lessons – 6</p> <p>Main Programs – 2Code</p>	<p>Unit 5.2 Online safety</p> <p>Number of lessons – 3</p> <p>Programs - Various</p>	<p>Unit 5.3 Spreadsheets</p> <p>Number of lessons – 6</p> <p>Programs – 2Calculate</p>
<p>Unit 5.4 Databases</p> <p>Number of lessons – 4</p> <p>Programs – 2Question, 2Investigate</p>	<p>Unit 5.5 Game Creator</p> <p>Number of lessons – 5</p> <p>Programs – 2DIY 3D</p>	<p>Unit 5.6 3D Modelling</p> <p>Number of lessons – 4</p> <p>Programs – 2Design and Make</p>
<p>Unit 5.7 Concept Maps</p> <p>Number of lessons – 4</p> <p>Programs – 2Connect</p>	<p>Unit 5.8 Word processing (with Microsoft Word or Google Docs)</p> <p>Number of Lessons – 8</p> <p>Main program – MS Word or Google Docs</p>	