

## St. John's Computing Long Term Plan 2022-23

### Purple Mash Scheme of Work – CYCLE A

<b>Year 1 and 2 - A</b>			
<b>Term</b>	<b>Unit</b>	<b>Lessons</b>	<b>Programs</b>
Autumn 1	Unit 1.1 – Online Safety and Exploring Purple Mash	4	Various
	Unit 2.5 – Effective Searching	3	Browser
Autumn 2	Unit 1.4 – Lego Builders	3	2DIY
	Unit 1.9 – Technology outside school	2	Various
Spring 1	Unit 1.2 – Grouping and Sorting	2	2DIY
	Unit 2.6 – Creating Pictures	5	2PaintAPicture
Spring 2	Unit 1.8 – Spreadsheets	3	2Calculate
Summer 1	Unit 1.7 – Coding	6	2Code
Summer 2	Unit 2.1 – Coding	5	2Code

#### Predominant Area of Computing:

Computer Science

Information Technology

Digital Literacy

## St. John's Computing Long Term Plan 2022-23

### Purple Mash Scheme of Work – CYCLE A

<b>Year 3 and 4 - A</b>			
<b>Term</b>	<b>Unit</b>	<b>Lessons</b>	<b>Programs</b>
Autumn 1	Unit 3.2 – Online Safety	3	Various
	Unit 3.3 – Spreadsheets	3	2Calculate
Autumn 2	Coding – Various Unit Lessons – See Table below	6	2Code
Spring 1	Unit 3.4 – Touch Typing	4	2Type
Spring 2	Unit 3.5 - Email	6	2Email, 2Connect, 2DIY
Summer 1	Unit 3.9 – Presenting with MS PowerPoint or Google Slides *Additional Unit	5	Microsoft PowerPoint/Google Slides
Summer 2	Unit 3.7 – Simulations	3	2Simulate, 2Publish
	Unit 3.8 - Graphing	3	2Graph

<b>YEAR 3 &amp; 4 - CYCLE A</b>					
Using Flowcharts Unit 3.1, Lesson 1	Using Timers Unit 3.1, Lesson 2	'if' statements Unit 4.1, Lesson 2	Coordinates Unit 4.1, Lesson 3	Code, Test and Debug – Unit 3.1, Lesson 4	Design, Code, Test and Debug Unit 4.1, Lesson 1

#### **Predominant Area of Computing:**

Computer Science

Information Technology

Digital Literacy

\*Additional Unit – Use of software outside of the Purple Mash environment

## St. John's Computing Long Term Plan 2022-23

### Purple Mash Scheme of Work – CYCLE A

<b>Year 5 and 6 - A</b>			
Term	Unit	Lessons	Programs
Autumn 1	Unit 6.2 – Online Safety	2	Various
	Unit 6.4 – Blogging	4	2Blog
Autumn 2	Unit 6.9 – Spreadsheets (with Microsoft Excel or Google Sheets) *Additional Unit	8	MS Excel/Google Sheets
Spring 1	Unit 5.8 – Word Processing (with Microsoft Word or Google Docs) *Additional Unit	8	MS Word/Google Docs
Spring 2	Unit 5.7 – Concept Maps	4	2Connect
Summer 1	Coding – Various Unit Lessons – See Table below	6	2Code
Summer 2	Unit 5.4 - Databases	4	2Question/2Investigate

<b>YEAR 5 &amp; 6 - CYCLE A</b>					
Coding Efficiently Unit 5.1, Lesson 1	Simulating a physical system Unit 5.1, Lesson 2	Friction and Functions Unit 5.1, Lesson 4	Introducing Strings Unit 5.1, Lesson 5	Text Variable and Concatenation Unit 5.1, Lesson 6	User Input Unit 6.1, Lesson 5

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