

Computing Long Term Plan 2022/23 – Purple Mash

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2																				
EYFS (Acorn)	<p>The most relevant statements for computing are taken from the following areas of learning:</p> <ul style="list-style-type: none"> Personal, Social and Emotional Development Physical Development Understanding the World Expressive Arts and Design <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="background-color: #2c3e50; color: white; text-align: center;">Computing</th> </tr> </thead> <tbody> <tr> <td style="background-color: #bdc3e7;">Personal, Social and Emotional Development</td> <td> <ul style="list-style-type: none"> Remember rules without needing an adult to remind them. </td> </tr> <tr> <td style="background-color: #bdc3e7;">Physical Development</td> <td> <ul style="list-style-type: none"> Match their developing physical skills to tasks and activities in the setting. </td> </tr> <tr> <td style="background-color: #bdc3e7;">Understanding the World</td> <td> <ul style="list-style-type: none"> Explore how things work. </td> </tr> </tbody> </table> <p>*3 and 4-year olds*</p> <p>Communication and Language Unit</p>	Computing		Personal, Social and Emotional Development	<ul style="list-style-type: none"> Remember rules without needing an adult to remind them. 	Physical Development	<ul style="list-style-type: none"> Match their developing physical skills to tasks and activities in the setting. 	Understanding the World	<ul style="list-style-type: none"> Explore how things work. 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="background-color: #bdc3e7;">Personal, Social and Emotional Development</td> <td> <ul style="list-style-type: none"> Show resilience and perseverance in the face of a challenge. Know and talk about the different factors that support their overall health and wellbeing: <ul style="list-style-type: none"> - sensible amounts of 'screen time'. </td> </tr> <tr> <td style="background-color: #bdc3e7;">Physical Development</td> <td> <ul style="list-style-type: none"> Develop their small motor skills so that they can use a range of tools competently, safely and confidently. </td> </tr> <tr> <td style="background-color: #bdc3e7;">Expressive Arts and Design</td> <td> <ul style="list-style-type: none"> Explore, use and refine a variety of artistic effects to express their ideas and feelings. </td> </tr> </tbody> </table> <p>*Reception*</p> <p>Expressive Arts Unit</p>	Personal, Social and Emotional Development	<ul style="list-style-type: none"> Show resilience and perseverance in the face of a challenge. Know and talk about the different factors that support their overall health and wellbeing: <ul style="list-style-type: none"> - sensible amounts of 'screen time'. 	Physical Development	<ul style="list-style-type: none"> Develop their small motor skills so that they can use a range of tools competently, safely and confidently. 	Expressive Arts and Design	<ul style="list-style-type: none"> Explore, use and refine a variety of artistic effects to express their ideas and feelings. 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="background-color: #bdc3e7;">Personal, Social and Emotional Development</td> <td style="background-color: #bdc3e7;">Managing Self</td> <td> <ul style="list-style-type: none"> Be confident to try new activities and show independence, resilience and perseverance in the face of challenge. Explain the reasons for rules, know right from wrong and try to behave accordingly. </td> </tr> <tr> <td style="background-color: #bdc3e7;">Expressive Arts and Design</td> <td style="background-color: #bdc3e7;">Creating with Materials</td> <td> <ul style="list-style-type: none"> Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. </td> </tr> </tbody> </table> <p>*ELG*</p> <p>Understanding the World Unit</p>	Personal, Social and Emotional Development	Managing Self	<ul style="list-style-type: none"> Be confident to try new activities and show independence, resilience and perseverance in the face of challenge. Explain the reasons for rules, know right from wrong and try to behave accordingly. 	Expressive Arts and Design	Creating with Materials	<ul style="list-style-type: none"> Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. 	<p>Teacher to repeat and plan Autumn 2 learning opportunities.</p> <p>PSED Unit</p>	<p>Teacher to repeat and plan Spring 1 learning opportunities.</p> <p>Physical Development Unit</p> <p>Maths Unit</p>	<p>Teacher to assess learning statements and ELG from the 2020 Development Matters and prepare children for Year 1 learning.</p> <p>Literacy Unit</p>
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Year 1 (Willow)	<p>Unit 1.1 Online Safety & Exploring Purple Mash (4 lessons)</p> <p>Unit 1.2 Grouping & Sorting (2 lessons)</p>	<p>Unit 1.3 Pictograms (3 lessons)</p> <p>Main Tool – 2Count</p> <p>Unit 1.4 Lego Builders (3 lessons)</p>	<p>Unit 1.5 Maze Explorers (3 lessons)</p> <p>Main Tool – 2Go</p> <p>Unit 1.8 Spreadsheets (3 lessons)</p> <p>Main Tool – 2Calculate</p>	<p>Unit 1.6 Animated Story Books (5 lessons)</p> <p>Main Tool – 2Create A Story</p>	<p>Unit 1.7 Coding (6 lessons)</p> <p>Main Tool – 2Code</p>	<p>Unit 1.9 Technology Outside School (2 lessons)</p>																				
Year 2 (Hazel)	<p>Unit 2.2 Online Safety (3 lessons)</p> <p>Unit 2.5 Effective Searching (3 lessons)</p>	<p>Unit 2.3 Spreadsheets (4 lessons)</p> <p>Main Tool – 2Calculate</p>	<p>Unit 2.4 Questioning (5 lessons)</p> <p>Main Tool – 2Question/2Investigate</p>	<p>Unit 2.6 Creating Pictures (5 lessons)</p> <p>Main Tool – 2Paint A Picture</p>	<p>Unit 2.1 Coding (6 lessons)</p> <p>Main Tool – 2Code</p>	<p>Unit 2.7 Making Music (3 lessons)</p> <p>Main Tool – 2Sequence</p> <p>Unit 2.8 Presenting Ideas (4 lessons)</p>																				

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Year 3/4 (Maple)	Unit 4.1 Coding (6 lessons) Main Program – 2Code	Unit 4.2 Online Safety (4 lessons) Various Programs	Unit 4.3 Spreadsheets (6 lessons) Main Program – 2Calculate	Unit 4.4 Writing for Different Audiences (5 lessons) Main Programs – 2Email, 2Connect, 2DIY	Unit 4.5 Logo (4 lessons) Main Program - Logo	Unit 4.6 Animation (3 lessons) Main Program – 2Animate
Year 4/5 (Blossom)	Unit 5.1 Coding (6 Lessons) Main Program – 2Code	Unit 5.2 Online Safety (3 lessons) Various Programs Unit 5.6 3D Modelling (4 lessons) Main Program – 2Design and Make	Unit 5.4 Databases (4 lessons) Main Program – 2Question, 2Investigate	Unit 5.5 Game Creator (5 lessons) Main Program -2DIY 3D	Unit 5.7 Concept Maps (4 lessons) 2Connect	Unit 5.3 Spreadsheets (6 lessons) Main Program – 2Calculate
Year 6 (Sequoia)	Unit 6.1 Coding (6 Lessons) Main Program – 2Code	Unit 6.2 Online Safety (2 lessons) Various Programs Unit 6.4 Blogging (4 lessons) Main Program – 2Blog	Unit 6.3 Spreadsheets (5 lessons) Main Program – 2Calculate	Unit 6.5 Text Adventures (5 lessons) Main Programs – 2Code, 2Connect	Unit 6.7 Quizzing (6 lessons) Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate	Unit 6.8 Understanding Binary (4 lessons) Main Programs – 2Code

Predominant Area of Computing

Computer Science ■

Information Technology ■

Digital Literacy ■