

EYFS Computing Curriculum

At the end of each year pupils will:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic Theme	Marvellous Me	Wonderful World	Winter Wonderland	Once Upon A Time	The Great Outdoors	Off We Go...
Be able to do (Computational Thinking Skills)	<p><u>Awesome Autumn- Garlands Galore:</u> Creating Pattern Logic</p> <p><u>Awesome Autumn- Leaf Labyrinth:</u> Logic Algorithms Decomposition Creating</p> <p><u>Awesome Autumn- Pumpkin Soup:</u> Algorithms Decomposition Collaborating</p>	<p><u>Winter Warmers- Feed the Birds:</u> Algorithms Decomposition Creating Collaboration</p> <p><u>Winter Warmers- Scarves for Snowmen:</u> Creating Pattern Logic</p>	<p><u>Winter Warmer- Let's make an Igloo:</u> Logic Tinkering Decomposition Collaboration Persevering</p> <p>Online Safety Day</p>	<p><u>Springtime- Junk Scarecrows:</u> Abstraction Tinkering Creating Collaboration</p> <p><u>Springtime- Rabbit Run:</u> Algorithms Persevering Collaboration</p>	<p><u>Summer Fun- Colour Collections:</u> Creating Pattern Persevering</p> <p><u>Springtime- Seed Sequencing:</u> Algorithms Decomposition Collaboration</p>	<p><u>Summer Fun- Journeys:</u> Logic Algorithms creating Collaborating Tinkering</p> <p><u>Summer Fun- Seaside Tangrams:</u> Tinkering Debugging Creating Persevering</p>
Link to EYFS Curriculum	<p>ELG- Creating With Materials To Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function</p> <p>ELG- Fine Motor Skills To Use a range of small tools, including scissors, paint brushes and cutlery</p> <p>ELG- Building Relationships</p>	<p>ELG- Building Relationships To work and play cooperatively and take turns with others</p> <p>ELG- Fine Motor Skills To Use a range of small tools, including scissors, paint brushes and cutlery</p> <p>ELG- The Natural World To understand some important processes and changes in the natural world around them, including the</p>	<p>ELG- The Natural World To understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>ELG- Building Relationships To work and play cooperatively and take turns with others</p> <p>ELG- Fine Motor Skills To Use a range of small tools, including scissors,</p>	<p>ELG- Building Relationships To work and play cooperatively and take turns with others</p> <p>ELG- The Natural World To understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>ELG- Creating With Materials To Safely use and explore a variety of</p>	<p>ELG- Building Relationships To work and play cooperatively and take turns with others</p> <p>ELG- The Natural World To understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p>	<p>Playing and Exploring To bring their own interests and fascinations into early years settings. Respond to new experiences that you bring to their attention</p> <p>Communication and Language To describe events in some detail. To use talk to help work out problems and organise thinking and activities, and to explain how things</p>

	<p>To work and play cooperatively and take turns with others</p> <p>ELG- Gross Motor Skills Negotiate space and obstacles safely, with consideration for themselves and others</p> <p>ELG- Managing Self To manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices</p> <p>Active Learning To respond to new experiences that you bring to their attention</p> <p>Creating and Thinking Critically To review their progress as they try to achieve a goal. Check how well they are doing</p> <p>Mathematics To continue, copy and create repeating patterns.</p> <p>Understanding the World To explore the natural world around them.</p>	<p>seasons and changing states of matter.</p> <p>ELG- Creating With Materials To Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function</p> <p>ELG- Speaking To participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary;</p> <p>Understanding the World To understand the effect of changing seasons on the natural world around them.</p> <p>Active Learning To respond to new experiences that you bring to their attention</p> <p>Creating and Thinking Critically To review their progress as they try to achieve a goal. Check how well they are doing</p>	<p>paint brushes and cutlery</p> <p>Understanding the World To understand the effect of changing seasons on the natural world around them To recognise some environments that are different to the one in which they live.</p>	<p>materials, tools and techniques, experimenting with colour, design, texture, form and function To share their creations, explaining the process they have used</p> <p>Creating and Thinking Critically To review their progress as they try to achieve a goal. Check how well they are doing</p> <p>Active Learning To respond to new experiences that you bring to their attention</p> <p>Understanding the World To understand the effect of changing seasons on the natural world around them</p> <p>Expressive Arts and Design To create collaboratively, sharing ideas, resources and skills</p>	<p>Understanding the World To understand the effect of changing seasons on the natural world around them</p> <p>Active Learning To bring their own interests and fascinations into early years settings. Respond to new experiences that you bring to their attention.</p> <p>Creating and Thinking Critically To help children to extend their ideas through sustained discussion that goes beyond what they, and you, have noticed</p> <p>Communication and Language To use talk to help work out problems and organise thinking and activities, and to explain how things work and why they might happen</p> <p>Mathematics To count objects, actions and sounds. To compare numbers.</p>	<p>work and why they might happen</p> <p>Expressive Arts and Design To provide opportunities to work together to develop and realise creative ideas</p> <p>Active Learning To begin to correct mistakes themselves</p> <p>Creating and Thinking Critically To help children to extend their ideas through sustained discussion that goes beyond what they, and you, have noticed</p> <p>Understanding the World To explore the natural world around them</p> <p>Mathematics To select, rotate and manipulate shapes to develop spatial reasoning skills</p>
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	To understand the effect of changing seasons on the natural world around them Playing and Exploring Make independent choices.	Mathematics To continue, copy and create repeating patterns.				
Understand this Vocabulary	<u>Awesome Autumn- Garlands Galore:</u> Sequence Pattern <u>Awesome Autumn- Leaf Labyrinth:</u> Sequence Forwards Backwards Quickest Path Instructions <u>Awesome Autumn- Pumpkin Soup:</u> Sequence Instructions	<u>Winter Warmers- Feed the Birds:</u> Sequence Instructions Debugging <u>Winter Warmers- Scarves for Snowmen:</u> Patterns Repeat Same Different Predict	<u>Winter Warmers- Let's Make an Igloo:</u> Material Decompose	<u>Springtime- Junk Scarecrows:</u> Features Common Materials <u>Springtime – Rabbit Run:</u> Sequence Instructions Forwards Backwards Debug Route	<u>Springtime- Seed Sequencing:</u> Instructions Sequence Order <u>Summer Fun- Colour Collections:</u> Environment Pictograms Pattern More Less Value	<u>Summer Fun- Journeys: Journey</u> Instructions Sequence Maps Debugging <u>Summer Fun- Seaside Tangrams:</u> 2D Shapes Debugging Rotating