



Howitt Primary Community School

Science Curriculum Overview: Cycle 1 (2022-2023)

	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
	<i>Theme: Identity and diversity</i>	<i>Theme: Peace and conflict</i>	<i>Theme: Social justice</i>	<i>Theme: Saving our environment</i>	<i>Theme: Our heritage</i>	<i>Theme: Our world and beyond</i>
<p>Understanding of the World: <u>Natural World</u></p> <p>(National Curriculum Links: Science)</p> <p>Nursery: Two Year Olds Nursery: 3-4 Year Olds Reception: 4-5 Year Olds</p>	<ul style="list-style-type: none"> > Explore natural materials, indoors and outside. > Use all their senses in hands-on exploration of natural materials. > Explore the natural world around them. > Describe what they see, hear and feel whilst outside. 	<ul style="list-style-type: none"> > Repeat actions that have an effect. > Explore how things work. > Explore and talk about different forces they can feel. > Explore and talk about different forces they can feel. <p>Ongoing: Seasonal Change - <u>Autumn</u> *Subject to changes!</p> <ul style="list-style-type: none"> > Explore and respond to different natural phenomena in their setting and on trips. > Talk about what they see, using a wide vocabulary > Recognise some environments that are different to the one in which they live. > Understand the effect of changing seasons on the natural world around them Explore the natural world around them. > Describe what they see, hear and feel whilst outside. 	<ul style="list-style-type: none"> > Explore materials with different properties. > Explore collections of materials with similar and/or different properties. > Talk about the differences between materials and changes they notice. > Talk about the differences between materials and changes they notice. <p>Ongoing: Seasonal Change - <u>Winter</u> *Subject to changes!</p> <ul style="list-style-type: none"> > Explore and respond to different natural phenomena in their setting and on trips. > Talk about what they see, using a wide vocabulary > Recognise some environments that are different to the one in which they live. > Understand the effect of changing seasons on the natural world around them Explore the natural world around them. > Describe what they see, hear and feel whilst outside. 	<ul style="list-style-type: none"> > Plant seeds and care for growing plants. > Plant seeds and care for growing plants. > Understand the key features of the life cycle of a plant and an animal. > Begin to understand the need to respect and care for the natural environment and all living things. > Understand the key features of the life cycle of a plant and an animal. > Understand the effect of changing seasons on the natural world around them > Describe what they see, hear and feel whilst outside. <p>Ongoing: Seasonal Change - <u>Spring</u> *Subject to changes!</p>	<ul style="list-style-type: none"> > Explore and respond to different natural phenomena in their setting and on trips. > Talk about what they see, using a wide vocabulary > Recognise some environments that are different to the one in which they live. > Understand the effect of changing seasons on the natural world around them Explore the natural world around them. > Describe what they see, hear and feel whilst outside. 	<ul style="list-style-type: none"> > Talk about what they see, using a wide vocabulary > Begin to understand the need to respect and care for the natural environment and all living things > Recognise some environments that are different to the one in which they live. <p>Ongoing: Seasonal Change - <u>Summer</u> *Subject to changes!</p> <ul style="list-style-type: none"> > Explore and respond to different natural phenomena in their setting and on trips. > Talk about what they see, using a wide vocabulary > Recognise some environments that are different to the one in which they live. > Understand the effect of changing seasons on the natural world around them Explore the natural world around them. > Describe what they see, hear and feel whilst outside.



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Year 1 and 2	Animals including humans (including survival) (Y1)	Plants (Y2)	Uses of everyday materials (Y2)	Living things and their habitats (Y2)	Living things and their habitats (Y2)	Animals including humans- Exercise and offspring (Y2)
Year 3 and 4	Electricity (Y4)	Sound (Y4)	Animals including humans Teeth and digestion (Y4)	States of matter (Y4)	Living things and their habitat (Y4)	Living things and their habitat (Y4)
Year 5 and 6	Light (Y5)	Light (Y5)	Electricity (Y6)	Evolution and inheritance (Y6)	Living things and their habitat (Y6)	Earth and space (Y5)