

Opportunities for Science in EYFS Themes Warwick Class

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year A	All About Me	Winter Wonderland	Starry Night	Dangerous Dinosaurs	Big Wide World	Sunshine and Sunflowers
Nursery	Humans Begin to make sense of their own life-story and family's history	Seasonal changes Begin to understand the need to respect and care for the natural environment and all living things. Use sense in hands on exploration	Earth and space Explore the natural world around them Respond to different natural phenomena in their setting	Animals, excluding humans Understand key features of the life cycle of an animal understand the need to respect and care for the natural environment and all living things.	Electricity Explore how things work Staying safe with electricity	Plants Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant. Begin to understand the need to respect and care for the natural environment and all living things
Reception	Humans Talk about members of their immediate family and community. Name and describe people who are familiar to them.	Seasonal changes Describe what we see, hear and feel when we are outside Begin to understand the effect of changing seasons on the world around them	Earth and space Explore the natural world around them Respond to different natural phenomena in their setting	Animals, excluding humans Understand key features of the life cycle of an animal understand the need to respect and care for the natural environment and all living things.	Electricity Explore how things work Staying safe with electricity What do we need that uses electricity?	Living things and their habitats (plants) Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant. identify similarities and differences between plants.

Year B 2023-2024	Me and My Community	Sparkle and Shine	Stories and Rhymes	Signs of Spring	Move It	On the Beach
Nursery	<p><u>Sound</u> Describe what they can hear when outside</p> <p>Listen with increased attention to sounds. Respond to what they have heard, expressing their thoughts</p>	<p><u>Light</u> Explore how things work.</p> <p>Talk about the differences in materials and changes they notice.</p>	<p><u>Materials, including changing materials</u> Use senses in hands-on exploration of natural materials. Explore collections of materials with similar and/or different properties. Talk about the differences between materials and changes they notice.</p>	<p><u>Seasonal changes</u> Understand the key features of the life cycle of a plant and an animal.</p> <p><u>Animals, excluding humans</u> <u>Plants</u> Begin to understand life cycle of plant / animal</p>	<p><u>Forces</u> Feel Forces Explore how things work Explore how different objects and materials are affected by forces</p>	<p><u>Humans</u> Being more independent in meeting their own care needs, e.g. brushing teeth, using the toilet, washing and drying their hands thoroughly. Make healthy choices about food, drink, activity and toothbrushing</p>
Reception	<p><u>Sound</u> describe the sounds they hear and identify what is making each sound.</p> <p>Ask questions about the sounds they hear and what is making them.</p>	<p><u>Light</u> Support children to identify the light source and the object that is making the shadow.</p> <p>Describe what they see</p>	<p><u>Materials, including changing materials</u> choose from a range of materials, including natural materials, when making models and identify a key property that was required. Reuse materials and talk about what can be recycled to care for the natural world.</p>	<p><u>Seasonal changes</u> Explore the natural world around them Describe what they see, hear and feel whilst outside.</p> <p>Understand the effect of changing seasons on the natural world around them.</p> <p><u>Animals, excluding humans</u> Understand life cycle of plant / animal Care for living things</p>	<p><u>Forces</u> Explore how to change how things work Explore how the wind can move objects Explore how objects move in water</p>	<p><u>Humans</u> Manage their own needs- Physical Development</p> <p>Know and talk about the different factors that support their overall health and wellbeing: regular physical activity; healthy eating; toothbrushing; sensible amounts of 'screen time'; having a good sleep routine; being a safe pedestrian.</p>