

SCIENCE	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>EYFS 1</b> Tadpoles Frogs Both-(Tadpoles & Frogs)	Theme: My Family and Me  Use all of our senses in hands on exploration of natural materials.	Theme: Traditions Around the World  Engage in sensory play and explore natural materials.  Talk about the differences between materials and changes from one state to another e.g. through melting or cooking.  Explore and notice the change in season. Create bird feeders. Make collages with natural found items.	Theme: On the Farm  Explore and be curious about the world around us through bug hunts, looking closely at materials, splashing in puddles and standing in the rain with umbrellas.  Notice and talk about interesting things that we find in the world around us. Explore collections of materials with similar and different properties.  Plant seeds and observe them changing.	Theme: People that Help Us  Explore materials with different properties.  Show and explain the concepts of growth, decay and change with natural materials. Plant seeds and care for growing plants.  Observe plants growing and name some plants/ flowers. Large bubble making. Comparing leaves.	Theme: Safari and Jungle Explorers  Observe plants, bugs, plants and the world around us.  Explore how things work e.g. pulleys/ wind up toys. Gain an understanding of the need to respect and care for the natural environment and all living things.  Search for bugs and make homes for them.	Theme: Sea and Coastal Life  Understand the key features of the life cycle of a plant and an animal. Explore and talk about different forces we can feel.  Observe caterpillars growing and changing. Use binoculars to look at birds in trees. Talk about how the woodland is changing in the summer.
<b>EYFS 2</b>	Theme: My Family and Me /Autumn/ Cornwall  Understand and name different habitats-woodlands, garden, pond.  Name living things within environment – woodlands.	Theme: Winter Wonderland  Explore the Solar System and stars.  Gravity.  Materials - suitable for a range of toys. Identify and describe.  Changing materials – water to ice freezing/ melting.	Theme: Explorers  Big Garden Bird Watch - identifying birds. Parts of birds and other animals.  Life cycle- eggs and chicks.  Different animal groups.	Theme: Fantasies and Fairies/ Super heroes/ Real Life Super heroes  Changing materials – irreversible (cooking).  Parts of a plant/ flower.	Theme: In Our Patch  Understand some important processes and changes in the natural world around them, including seasons.  Gardening/ growing/ Bean Diaries/Cress Heads/Celery and food colouring.  Caring for growing things.	Theme: Under the Sea  Life cycles – butterflies.  Looking after the ocean - plastic. Recycling - reduce, reuse, recycle.  Floating and sinking.
<b>YEAR 1</b>		<b>Animals, including Humans</b> What makes an animal and where do they live?	<b>Everyday materials</b> What is the best material for the job?	<b>Seasonal change</b> How can we tell that the season has changed?	<b>Plants</b> What is a plant?	
<b>YEAR 2</b>	<b>Living things and their habitats</b> How does life stay alive in a habitat?	<b>Animals, including humans</b> How can we stay healthy?	<b>Uses of every day materials</b> Why do we decide on a material?			<b>Plants</b> What does a plant need?
<b>YEAR 3</b>	<b>Forces and magnets</b> How can objects move?		<b>Rocks and soils</b> What is the ground beneath us?	<b>Animals, including humans.</b> What makes us move?	<b>Plants</b> How do we know that plants are alive?	<b>Light and shadow.</b> Why can I see you?

PARCC VIRTUES- ASPIRATIONAL, RESILIENT AND CHALLENGE SEEKING, CARING AND COLLABORATIVE, CREATIVE AND CURIOUS

<b>YEAR 4</b>		<b>Living Things &amp; their Habitats</b> How do we identify a species?  <b>Electricity</b> How does electricity work?		<b>States of Matter</b> When is a liquid not a liquid?  <b>Sound</b> Can I draw Sound?	<b>Animals, including Humans</b> How do we eat?	
<b>YEAR 5</b>	<b>Forces</b> What are the trials and tricks of movement?  <b>Earth and Space</b> What is happening above me?		<b>Animals, including Humans</b> How does our body change?  <b>Living Things &amp; their Habitats</b> How does life continue?	<b>Evolution and inheritance</b> Are all living things completely different from each other?		
<b>YEAR 6</b>	<b>Light</b> How do we see?	<b>Animals, including Humans</b> How are we kept alive?	<b>Properties and Changes of Materials</b> What happens when we alter materials?	<b>Living Things &amp; their Habitats</b> How do we separate living things?	<b>Electricity</b> What can we do with electricity?	