

SCIENCE	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
EYFS 1 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.
EYFS 2	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.
YEAR 1	Humans How do our bodies work?	Animals How are animals different from each other?	Everyday materials What is the best material for the job?	Seasonal change How do I know that the seasons have changed?	Plants What do plants need to stay healthy?	
YEAR 2	Living things and their habitats How does life stay alive in a habitat?	Animals, including humans How can we stay healthy?	Uses of every day materials Why do we decide on a material?			Plants What does a plant need?
YEAR 3	Forces and magnets. What is a force?		Rocks and soils Are all rocks and soils the same?	Animals, including humans.	Plants. How do you know plants are alive?	Light and shadow. Why do we need light?

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

YEAR 4		How do living things differ & how are humans affecting them? What does electricity need & how can I tell that it's there?		When is a liquid not a liquid? Can I draw Sound?	Why do we eat what we eat?	
YEAR 5	Forces What could affect the speed at which an object, without an engine, falls to earth? Earth and Space How does gravity shape our solar system and the universe as a whole?		Animal & Plant Life Cycles Do all living things reproduce in the same way?	Evolution and inheritance Are all living things completely different from each other?		
YEAR 6	Light		Electricity	Sound and hearing	Plants	