

## Science Whole School Curriculum

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	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Science Autumn 1	I can sing a rainbow: <b>UTW:</b> Changes in season	Traditional tales Do they live happily ever after? <b>UTW:</b> -Where does bread come from? -Planting a bean/grass -Seasons: changes	Plants Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees	Animals including humans - How do animals change?	Rocks, Fossils and Soils. What are rocks, soils and fossils and how are they formed?	Electricity How do you make a simple circuit?	Properties and changes of materials <b>What happens when we mix liquids and solids?</b>	Living things: <b>invertebrate their habitats</b> How do we classify living things?
Science Autumn 2		Animals, including humans Identify, name draw and label the basic parts of the human body	Living things and their habitat- Where do animals live?	Animals including humans: <b>Food and nutrition.</b> What is a balanced diet?	Sound How do we hear sound?	Properties and changes of materials <b>What happens when we mix liquids and solids?</b>	Electricity How do I create a more complex electrical circuit?	
Science Spring 1	Paws, claws and whiskers: <b>UTW:</b> Animals, their habitats and their features.	Helpful Heroes: What do you want to be when you grow up? <b>UTW:</b> -Our bodies (teeth – dentist) -Animals (Vets)	Animals, including humans Identify and name a variety of common animals, including fish, amphibians, reptiles, birds and mammals	Use of everyday materials - How can materials change?	Animals including humans: <b>Skeletons.</b> What would life be like without a skeleton?	States of Matter What are solids, liquids and gases?	Earth and Space Why is there life on Earth?	Evolution and inheritance Why are polar bears found in the Antarctic and camels found in the desert?
Science Spring 2		Mad About Minibeasts: <b>UTW:</b> -Animals and habitats – growing and lifecycles -Facts about minibeasts -Seasons: changes in the environment – growing and change	Seasons Observe changes across the four seasons	Use of everyday materials- How can materials change?	Forces and magnets. What is a force?	States of Matter How can states of matter change?	Forces How do forces help us fly?	Light How does light help us see?
Science Summer 1	Zoom, zoom, zoom: <b>UTW:</b> Planets and Space	Journeys: <b>UTW:</b> Our bodies and keeping healthy.	Everyday materials Identify, name and describe a variety of everyday materials including wood, plastic, glass, metal, water and rock	Plants - What is the life-cycle of a plant?	Light and shadow What are shadows?	Animals including humans How does food travel through our bodies?	Life cycles- plants and animals How similar are the lifecycles of different animals?	Animals including humans: the human circulatory system How does my heart keep me alive?
Science Summer 2		Long, long ago: Are all fairy tales set in a palace? <b>UTW:</b> Grow a sunflower	Seasons – Everyday material Observe seasonal changes across the seasons Describe the simple physical properties of a variety of different materials	Animals including humans (healthy living) - How can we live a healthy lifestyle?	Plants How do plants stay alive?	Living things and their habitats How can we positively impact the environment?	Lifecycles- humans How do I change as I grow up?	Animals including humans: healthy living How do I keep my mind and body healthy?