



	AUTUMN		SPRING		SUMMER	
EYFS (Carle)	Let's Celebrate – Understanding the World <ul style="list-style-type: none"> Know the seasons and observe and comment on changes over time. Know that trees lose their leaves and change colour. 		How does your garden grow – Understanding the World <ul style="list-style-type: none"> To explore animals on a farm, including naming their young. To be able to explain how a rainbow is made (sunlight and water). 		Wish you were here – Understanding the World <ul style="list-style-type: none"> Experiment with and talk about forces, including push and pull and sinking and floating. 	
Year 1 and Year 2 (Dahl)	Human Body mixed unit <ul style="list-style-type: none"> Identify, name and draw the basic part of the body Describe the basic needs of animals Explore how to take care of your body 	Living things and their environments (2) <ul style="list-style-type: none"> Living things grow and move, need air, and reproduce. Understand the different between a carnivore, herbivore, and omnivore. 	Astronomy (2) <ul style="list-style-type: none"> Introduction to planets of our solar system and start to understand orbit and rotation. Explore stars and constellation and how they are formed. 	Plants mixed unit <ul style="list-style-type: none"> Identify common, wild and garden plants and describe the structure of a flowering plant. Observe and describe how seeds and blubs grow Explore what a plant needs to grow. 	Materials and Matter (2) <ul style="list-style-type: none"> Recognising common materials like wood, plastic, glass, and metal. Explore the unique properties of these materials. 	Electricity (2) <ul style="list-style-type: none"> Identify things that use electricity Know that a battery is a store of energy. Know what a simple circuit is and when it won't work.
Year 3 and Year 4 (Wilde)	Human Body mixed unit <ul style="list-style-type: none"> Explore how we get nutrition from what we eat. Identify the skeleton and muscles in our body Describe the function of the digestive system and identify types of teeth in humans. 	Classification of living things (4) <ul style="list-style-type: none"> Explore the definition of a vertebrate and invertebrate. Understand how scientists sort living things using classification Learn that plants are classified into two main groups. 	Sound (4) <ul style="list-style-type: none"> Learn that sound is caused by vibrations and that sound waves are pushed through air particles. Explore how pitch and that it changes because of the speed of the vibrations. 	Ecology (4) <ul style="list-style-type: none"> Learn that there are seven life processes. Explore the definitions of a producer and a consumer. Explore ecosystems and how they can be delicately balanced. 	States of Matter and the Water Cycle (4) <ul style="list-style-type: none"> Know that there are three main states of matter Explore the water cycle and understand that water can change into different state in both directions. 	Rocks (3) <ul style="list-style-type: none"> Learn that rocks have different names based on the properties. There are three different types of rocks. Understand the definition of permeable and impermeable.
Year 5 and Year 6 (Rowling)	Human Body (6) <ul style="list-style-type: none"> Develop an advanced understanding of the circulatory system, realising how the heart pumps blood, blood vessels transport it. 	Classification of living things (6) <ul style="list-style-type: none"> Learn that living things are classified into five main kingdoms. Understand what a cell is and how it makes up all living things. Know that taxonomy is a way of grouping organisms. 	Materials (5) <ul style="list-style-type: none"> Explore that some materials are visible, other can be found by testing. A solvent is a substance that can dissolve other substances 	Astronomy (5) <ul style="list-style-type: none"> Explore the 'Big Bang' theory Galaxies are groups of stars held together by gravity. Explore the phases of the moon. 	Meteorology (5) <ul style="list-style-type: none"> Understand that the atmosphere is made up of several levels and is essential for life on Earth Ozone is a gas that absorbs some of the sun's UV rays Our climate is largely influenced by the sea. 	Reproduction (6) <ul style="list-style-type: none"> Explore what is meant by asexual reproduction Understand that most plants reproduce by combining a male and female gamete. Explore the gestation period for different animals.



Whole School Science Curriculum 2026 - 2027

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Year 1 and Year 2 (Dahl)	Human Body mixed unit <ul style="list-style-type: none"> Identify, name and draw the basic part of the body Describe the basic needs of animals Explore how to take care of your body 	Animals and their Needs (1) <ul style="list-style-type: none"> Group animals based on their features Learn about living organisms that move and breathe. 	Seasons and Weather (1) <ul style="list-style-type: none"> Recognise seasonal and daily changes in the weather. Learn that changes are caused the tilt of the Earth. 	Taking care of the Earth (1) <ul style="list-style-type: none"> Develop understanding that people cause pollution Know that a natural resource is found in nature and people can use them. 	Plants mixed unit <ul style="list-style-type: none"> Learn about key parts of a plant and investigate how seeds germinate. Learn how to take care of a plant and the best conditions for it to grow. 	Materials and Magnets (1) <ul style="list-style-type: none"> Explore resources found on Earth, the distinguish between natural and manufactured resources and natural resources.
Year 3 and Year 4 (Wilde)	Human Body mixed unit <ul style="list-style-type: none"> Explore how we get nutrition from what we eat. Identify the skeleton and muscles in our body Describe the function of the digestive system and identify types of teeth in humans. 	Cycle in Nature (3) <ul style="list-style-type: none"> Living things grow and move, need air, and reproduce. Understand the different between a carnivore, herbivore, and omnivore. 	Light (3) <ul style="list-style-type: none"> Light allows us to see things and darkness is the absence of light. Understand the terms transparent and opaque and the difference between the two. Explore what a shadow is and how it is created. 	Plants (3) <ul style="list-style-type: none"> Flowering plants have roots, a stem or trunk. Plants need differing amounts of things to thrive. Water moves from roots to a plant upwards via a stem. Pollination is needed for flowering plants to reproduce. 	Electricity (4) <ul style="list-style-type: none"> Recognising common materials like wood, plastic, glass, and metal. Explore the unique properties of these materials. 	Forces and magnets (3) <ul style="list-style-type: none"> Understand that a force is a pull or push, and that gravity is a force that makes objects fall to the ground. Friction is the force between two surfaces. Magnets push an object away – it repels it.
Year 5 and Year 6 (Rowling)	Human Body (5) <ul style="list-style-type: none"> distinguish between voluntary and involuntary muscles, and the function of bones and the brain as the centre of the nervous system. 	Living Things (5) <ul style="list-style-type: none"> Building on prior learning, pupils will look at the life cycle of plants and animals in the local area. Recognise the importance of pollination and fertilisation. 	Forces (6) <ul style="list-style-type: none"> Work scientifically to plan and investigate water and air resistance Understand that a force can cause an object to increase speed, decrease speed, change direction and shape. 	Light (6) <ul style="list-style-type: none"> Learn that there are many sources of light, and it is an energy. Explore transparent and opaque materials. Explore that light travels in a straight line and some sources are natural and other are artificial. 	Electricity (6) <ul style="list-style-type: none"> Make circuits and use switches as part of these to control the flow of electricity. Study Thomas Edison and his work. Learn about links between Alessandro Volta and Napoleon Bonaparte. 	Evolution (6) <ul style="list-style-type: none"> Introduced to the concept of evolution. Substantive concepts of inheritance, variation. adaptation and natural selection. Develop understanding of biomes, habitats and reproduction.