

Spurcroft Science Curriculum

EYFS (Reception)

In EYFS, science is not taught as a separate subject but is woven throughout 'Understanding the World'. Children develop their scientific knowledge and understanding through continuous provision, adult-led activities and child-initiated exploration, encouraging them to observe, question, investigate and make sense of the world around them.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A (2026-27)		Seasonal Change		Ready, Steady, Grow What can we grow? Signs of Spring How do we know spring has arrived?	Creep, Crawl and Wriggle Where do mini-beasts live?	Move It! How can we keep our bodies healthy and strong?
Cycle B (2027-28)	Exploring Autumn	Seasonal Change		Puddles and Rainbows What happens when it rains?	Sunshine and Flowers What lives and grows in our garden? Shadows and Reflections What is a shadow?	Splash! Why is water important?

KS1

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Marvellous Materials What can we find out about the properties of different materials?	Seeing, Smelling, Sensing What do our senses do and why do we need them?	Weather Quest How do weather and seasons affect people, plants and animals?	Roots, Shoots and Fruits How do the parts of a plant help it to grow and survive?	Fur, Feathers and Fins How are animals similar and different?	Planet Protection How can we help our school community recycle everyday materials?
Year 2	Healthy Humans How do humans grow and stay healthy?	Homes, Hides and Habitats How do living things survive in their habitats?	Bend It, Stretch It, Shape It How do the properties of materials help us decide how to use them?	Grow, Thrive and Survive Where do plants grow best and why?	Hide, Hunt and Survive What do animals need to survive?	Mangrove Mission What is a mangrove forest, why are they an important habitat and how can we protect them?

LKS2 (Years 3 & 4)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A (2026-27)	Eat, Chew, Digest What do our teeth and digestive organs do when we eat?	The Science of Sound What do vibrations, pitch and volume tell us about how sound Works?	Kingdoms of Life What features help us identify and sort plants and animals?	Mission Materials What makes a material a solid, liquid or gas?	Power Up! What is electricity and how do we make it work?	Oceans Alive How can we protect our oceans and seas and the plants and animals that live there?
Cycle B (2027-28)	Sunlight and Shadows What is the science of light and shadows?	Eat Well, Move Well What do animals (including humans) need to be healthy?	Force and Friction How do forces affect how objects move?	Feel the Force What are magnets and how do they behave?	Power Plants: How Plants Live and Grow How do the parts of a plant help it live, grow and reproduce?	Sustainable Earth How can we use rocks and soils responsibly?

UKS2 (Years 5 & 6)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A (2026-27)	The Journey of Blood How does blood travel around the body?	Evolving Earth How did living things become the way they are today?	The Science of Light What happens when light travels, reflects or is blocked?	Ice, Life and Survival How have plants and animals adapted to survive polar habitats?	Circuits and Symbols What affects the brightness, power or output of a circuit?	Species Under Threat How can we protect species that are under threat?
Cycle B (2027-28)	Materials Matter How do the properties of materials help us decide which ones are best for different purposes?	Mix it, Change It What happens when materials mix, and how can we separate them again?	Forces in Motion How do forces and mechanisms affect the way objects move?	Our Place in Space What does the movement of the Sun, Earth and Moon reveal about our solar system?	Growing, Changing, Living What do life cycles reveal about how living things grow?	Growing Wild What changes can we make to our school grounds to help wildlife survive and thrive?