TIDBURY GREEN PRIMARY SCHOOL

Our Science Learning Journey

From curious explorers to confident scientific thinkers

We ask questions, investigate and use evidence to explain the world around us. Across Years 1–6, children revisit ideas and build their knowledge through practical science.

Year 1 also explores seasonal changes throughout the year.

YEAR	AUTUMN	SPRING	SUMMER
1 Explore	**Who am I?** Explore body parts and senses. **Celebrations** Describe everyday materials.	**Polar places** Sort materials and animals. **Plants and animals where we live** Identify local plants and animals.	**On safari** Compare animal structures. **Holiday** Explore seashore life and materials.
	Observe closely, name and sort, carry out simple tests and share ideas.		
2 Discover	**Healthy me** Learn how to stay healthy. **Materials monster** Choose materials for a purpose.	**Squash, bend, twist and stretch** Investigate changing shapes. **Our local environment** Explore habitats and food chains.	**Young gardeners** Explore what plants need to grow. **Little masterchefs** Apply ideas about diet and hygiene.
	Ask questions, compare results and use observations to suggest answers.		
3 Investigate	**Light and shadows** Explore reflection and shadows. **Rocks, soils and fossils** Explore rocks, soils and fossils.	**Food and our bodies** Explore diet, bones and muscles. **How does your garden grow?** Explore plant parts and life cycles.	**Forces and magnets** Explore friction and magnetism. **The nappy challenge** Test and compare absorbency.
	Set up fair tests, measure carefully, record findings and draw simple conclusions.		
4 Connect	**What's that sound?** Explore how sounds are made. **Living things** Use keys and explore habitats.	**Power it up** Build and test simple circuits. **Teeth and eating** Explore digestion and food chains.	**Looking at states** Explore matter and the water cycle. **The big build** Test and improve structures.
	Choose ways to investigate, look for patterns and support explanations with evidence.		
5 Explain	**Material world** Test and separate materials. **Circle of life** Compare how living things grow.	**Let's get moving** Investigate forces and mechanisms. **Out of this world** Explore Earth, the Moon and Sun.	**Growing up and growing old** Explore human development. **Amazing changes** Investigate irreversible changes.
	Control variables, take accurate measurements and use results to make predictions.		
6 Apply	**Evolution and inheritance** Explore how living things change. **Classifying living things** Group and compare organisms.	**Light** Explain light, sight and shadows. **Healthy bodies** Explore circulation and lifestyle.	**Electricity** Explore circuits and their symbols. **The Titanic** Investigate floating and insulation.
	Plan enquiries independently, evaluate results and justify conclusions using evidence.		

THREADS THROUGH OUR JOURNEY

Living things • Materials • Forces • Light • Sound • Electricity • Earth and space

Working scientifically: asking questions, observing, testing, classifying, finding patterns, researching and using evidence.

Children revisit ideas, develop scientific vocabulary and explain their thinking with increasing independence.