Science Long Term Plan Ickworth Park Primary 2025-26

The LTP follows the modules suggested by Snap Science (scheme in place Y1-Y6). On occasion, the order is changed due to resourcing/spaces clash but all modules will be taught across the year.

EYFS base their teaching of science through the Understanding the World area of the curriculum (see appendix 2 attached).

	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**
Whole school events		Bulb planting		STEM week working towards STEM fair and STEM Informal Sharing	Eco- club	Pond Dipping
EYFS	Our local environment		Seasonal changes (including animals)	Life Cycles	Observations about plants, why things occur and explore changes	
Year 1	Seasonal changes (this Biology module is taught across the year, so that the children can observe the impact of the changing seasons around them) Human body and senses	Human body and senses	Naming and describing materials	Properties and uses of materials	Animals (vertebrates)	Identifying plants and their parts
Year 2	Local habitats	Growing up (animals and humans)	Choosing materials	Changing materials	Growing seeds and bulbs	Growing healthy plants
Year 3	Light and shadows	Forces, friction and magnets	Movement and nutrition for the human body	Flowering plants and plant growth	Flowering plants life cycle	Rocks, soils and fossils
Year 4	Changes of state	Electricity: circuits	Human impact on the environment	Digestion and food chains	Sound	Classification of plants and animals
Year 5	Forces and mechanisms	Properties and uses of materials	Earth and Space	Plants and animal life cycles	Separating mixtures and changing materials	Human growth
Year 6	Classification of living things	Evolution and inheritance	What light does	Human circulation	Electricity: changing circuits	Body health

Appendix 2	Ickworth Park Primary School EYFS Progression of Skills and Knowledge Subject area: Science
Age 3 to 4	Use all their senses in hands-on exploration of natural materials. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary. Show interest in different occupations Explore how things work Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things. Explore and talk about different forces they can feel. Talk about the differences between materials and changes they notice.
Reception	Explore the natural world around them. Describe what they see, hear and feel whilst outside. Recognise some environments that are different from the one in which they live. Understand the effect of changing seasons on the natural world around them.
ELG	**Understanding the World- The Natural World** Explore the natural world around them, making observations and drawing pictures of animals and plants; Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class; Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.
What learning opportunities might look like…	Discussions sparked by the curiosity cubes, using scientific vocabulary to describe the natural materials. Planting bulbs and flowers throughout the year, discussing the process of growing, changes over time and what they need to grow. Autumn walk to talk about seasonal changes. Use magnifying classes to look at spider webs, learning about the ECO system. . Learn about hibernating animals. Experience the process of ice melting, what do they recognise has happened, can it be reversed, why has it melted, freeing the toys from ice etc. STEM week – life cycles of a caterpillar, growing tomatoes, changing colours of petals. Pond dipping Nature hunts, leaf hammering, leaf rubbings, bark rubbings, observation drawings of trees.
Core texts	The Very Hungry Caterpillar Christopher's Caterpillars Christopher's Nibble Non-fiction texts linked to seasons and life cycles.