Lavant Primary School Science Long Term Overview

	Cycle	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Wrens EYFS / Y1	A	**Seasonal Change** Focus: observe and describe weather across seasons (ongoing observations throughout year)	**Materials** Focus: Properties and uses of materials	**Seasonal Change** Focus: four seasons	**Plants** Focus: name and describe common plants	**Working scientifically** Focus**:** classify and perform simple tests	**Animals including humans** Focus: name and describe common animals
	B	**Animals including humans** Focus: name and describe common animals		**Plants** Focus: name and describe common plants	**Seasonal Change** Focus: observe and describe weather across seasons	**Materials** Focus: Properties and uses of materials	**Seasonal Change** Focus: four seasons
Robin Y2	A & B	**Working scientifically** Focus**:** pose questions and record observations	**Living Things and their habitats** Focus: habitats and food chains	**Plants** Focus: how plants grow		**Animals including humans** Focus: human growth and survival needs	**Materials** Focus: how materials can be used and changed
Woodpecker	A	**Materials** Focus: States of matter and changes of state	**Sound** Focus: vibrations, pitch, volume and distance		**Working scientifically** Focus: simple recording methods and conclusions	**Living things and habitats** Focus: classification and wider environments	**Forces** Focus**:** Forces and Magnets
	B	**Animals including humans** Focus: nutrition, skeleton and muscles; digestive system and teeth		**Working scientifically** Focus: fair test investigations	**Electricity** Focus**:** circuits and adding components	**Rocks** Focus: soil, rock classification and fossils **Plants** Focus: plant part function and seed dispersal	**Light** Focus**:** sources and shadows
Pheasant	A		**Working scientifically** Focus**:** collect, present and analyse data	**Animals including humans** Focus: circulatory system and healthy living	**Evolution and inheritance** Focus: variation and adaptation	**Living Things and their habitats Y6** Focus: broader classification and micro-organisms	**Light; Electricity** Focus: how light travels and vision; investigating circuits
	B	**Properties and Changes of Materials** Focus: Properties and changes – reversible and irreversible changes	**Working scientifically** Focus: different scientific enquiry	**Earth and Space** Focus: solar system, sun and moon cycles		**Forces** Focus: common forces and use of lever, pulleys and gears	**Living Things and their habitats Y5 / RSE** Focus: reproduction in humans, other animals and plants

Science is taught through a combination of learning journeys that make meaningful links with other areas of the curriculum, particularly writing, and standalone science sequences where these provide the most appropriate context for scientific learning. Across both approaches, pupils develop a clear progression of scientific knowledge, understanding and vocabulary. Working Scientifically is embedded throughout all science teaching, with additional opportunities planned to explicitly develop and revisit scientific enquiry skills.

Mixed-age classes follow a planned two-year curriculum cycle, with learning sequenced to ensure progression, full coverage of statutory content and opportunities to revisit and deepen scientific knowledge. Where classes span different year groups, shared topics are adapted to meet the age-related expectations of each cohort.

Key

- **Coloured strands:** Recurring and developing units that enable pupils to revisit and build on prior learning.
- **White strands:** Discrete units of study that provide focused coverage of specific areas of scientific knowledge.
- **Grey strands:** Additional explicit Working Scientifically focus, complementing the enquiry skills embedded throughout science teaching.