

Wychwood Primary School Whole School Science Overview

Strands:

Biology: learning about life processes and living things. **Chemistry:** learning about different materials and their uses. **Physics:** learning about energy and forces.

Across all topics, children will be learning to work scientifically, using and developing investigative skills including comparative and fair testing, identification and classification, researching, pattern-seeking and observation.

Links to the Wider Curriculum:

1. Spirituality: enjoyment and fascination in learning about themselves and the world around them; being curious and asking questions
2. Protecting the environment and global citizenship (links to eco-council)
3. Knowledge and understanding of the world: new technology and engineering
4. Health and safety: managing risk
5. Values: scientists as role models
6. Overlap with outdoor learning and Forest School in KS1

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
KS1 (Cycle A)	Everyday materials Seasonal changes	Working Scientifically	Animals, including humans Seasonal changes	Big Science	Plants Seasonal changes	Living things and their habitats
KS1 (Cycle B)	Uses of everyday materials Seasonal changes	Working Scientifically	Animals, including humans Seasonal changes	Big Science	Plants Seasonal changes	Living things and their habitats
LKS2 (Cycle A)	Living things and their habitats	Rocks	Sound	Big Science	Electricity	Animals including humans
LKS2 (Cycle B)	Light	Forces	States of Matter	Big Science	Plants	Teeth and Eating
UKS2 (Cycle A)	Living things and their habitats	Light	Electricity	Big Science	Animals including humans	Evolution and inheritance
UKS2 (Cycle B)	Living things and their habitats	Earth and space	Forces	Big Science	Animals, including humans	Properties and changes of materials