

Elements of our Science Curriculum

Knowledge and Understanding

Scientists develop:

- a knowledge and understanding of scientific concepts across the three disciplines of biology, chemistry and physics
- a knowledge and understanding of the nature, processes and methods of science (working scientifically)
- a scientific vocabulary that includes both: high utility tier 2 words in a scientific context (such as energy) and tier 3 words that are domain specific (such as photosynthesis, evaporation)

Plants	Living things and their habitats	Animals including humans	Evolution and inheritance
Seasonal changes	Materials	Rocks	Light
Forces	Sound	Electricity	Earth and space

Disciplinary Concepts/Working Scientifically

Asking scientific questions	Planning scientific enquiries	Using scientific equipment
Taking measurements and observations	Recording data	Presenting data
Forming conclusions	Using models	

