

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

Working Scientifically

Asking questions and hypothesising	Observing and measuring	Undertaking practical enquiry to answer questions
Recording and presenting evidence	Answering questions and concluding	Evaluating and raising further questions

