

Year 5	Properties and Changes of Materials Comparing and grouping materials, building on the knowledge of solid, liquid and gas. <i>Chemistry</i>		Properties and Changes of Materials Using testing to explore uses of materials and understanding changes in state, reversible changes and filtration. <i>Chemistry</i>		Earth & Space The Earth's movement in space: days, years, seasons. <i>Physics</i>		Forces Different types of forces and the effects of air resistance, water resistance and friction. Exploring mechanisms including levers, pulleys and gears. <i>Physics</i>		Living Things & Their Habitats Life Cycles and comparisons <i>Biology</i>		Animals including Humans Reproduction and changes Explore the changes and developments that occur as humans age. <i>Biology</i>	
	Scientific enquiry 	Working scientifically 	Scientific enquiry 	Working scientifically 	Scientific enquiry 	Working scientifically 	Scientific enquiry 	Working scientifically 	Scientific enquiry 	Working scientifically 	Scientific enquiry 	Working scientifically
Year 6	Evolution & Inheritance Understanding how living things change over time. Recognising how offspring vary and how animals adapt over time. <i>Biology</i>		Living Things & Their Habitats Classification of living things based on similarities and differences. <i>Biology</i>		Electricity Understanding variation in circuits and symbols related to electrical components <i>Physics</i>		Animals including Humans The Circulatory System and impact of lifestyle on the body's function <i>Biology</i>		Light Understanding how light travels, forms the shape and size of shadows and how the eyes process images. <i>Physics</i>		Revision of Content based on Teacher Assessment	
	Scientific enquiry 	Working scientifically 	Scientific enquiry 	Working scientifically 	Scientific enquiry 	Working scientifically 	Scientific enquiry 	Working scientifically 	Scientific enquiry 	Working scientifically 	Scientific enquiry	Working scientifically

Working scientifically -skills children need to acquire through practise.

- Asking questions
- Observing
- Making predictions
- Planning and carrying out an investigation
- Collecting, recording, and presenting data
- Interpreting results
- Evaluating

<https://pstt.org.uk/resources/enquiry-skills/>

Different types of Scientific enquiry

- Grouping and classifying
- Research
- Noticing patterns
- Comparative and fair testing
- Observing changes over time
- Problem solving

<https://pstt.org.uk/resources/enquiry-approaches/>