

Key enquiry types italicized

	Term 1		Term 2		Term 3	
Cycle A	Unit 1 Interdependence of organisms 1. the names, positions, functions and relative sizes of a human's main organs <i>Exploration</i> <i>Pattern-seeking</i> <i>Classification</i>	Unit 2 How things work 1. the uses of electricity and its control in simple circuits <i>Exploration</i> <i>Classification</i> <i>Making things</i>	Unit 3 Sustainable Earth 3. a comparison of the features of some natural and man-made materials 4. the properties of materials related to their uses <i>Exploration</i> <i>Classification</i> <i>Fair testing</i>	Unit 4 Sustainable Earth 6. a consideration of what waste is and what happens to waste that can be recycled and that which cannot be recycled Interdependence of organisms 7. how humans affect the local environment - <i>litter pollution</i> <i>Exploration</i> <i>Fair testing</i> <i>Pattern-seeking</i>	Unit 5 Interdependence of organisms 4. through fieldwork study the plants and animals found in two contrasting local environments 5. the interdependence of living organisms in the environments and their representation as food chains <i>Exploration</i> <i>Classification</i>	Unit 6 How things work 2. forces of different kinds 3. the ways in which forces can affect movement and how forces can be compared <i>Exploration</i> <i>Classification</i> <i>Making things</i>
	HUMAN BODY (TEETH AND SKELETON)	ELECTRICITY (CIRCUITS AND SYMBOLS)	MATERIALS (ROCKS & SOILS)	PROPERTIES OF MATERIALS & RECYCLING	HABITATS AND FOOD CHAINS	MAGNETS
Cycle B	Unit 7 Interdependence of organisms 2. the need for a variety of foods and exercise for human good health <i>Exploration</i> <i>Classification</i> <i>Pattern-seeking</i> <i>Making things</i>	Unit 8 How things work 3. the ways in which forces can affect movement and how forces can be compared <i>Exploration</i> <i>Fair testing</i> <i>Making things</i>	Unit 9 How things work 5. how light travels and how this can be used <i>Exploration</i> <i>Fair test</i> <i>Making things</i>	Unit 10 Sustainable Earth 2. the relative positions and key features of the Sun and planets in the solar system <i>Exploration</i> <i>Making things</i>	Unit 11 Interdependence of organisms 4. through fieldwork study the plants and animals found in two contrasting local environments 6. the environmental factors that affect what grows and lives in the environment, e.g. sunlight, water availability, temperature. <i>Exploration</i> <i>Classification</i> <i>Fair testing</i>	Unit 12 Sustainable Earth 4. the properties of materials related to their uses <i>Exploration</i> <i>Fair testing</i> <i>Making things</i>
	HEALTHY FOODS	FORCE (FRICTION)	LIGHT AND SHADOWS	EARTH & SPACE (PLANETS AND DAY-NIGHT)	PLANTS (GERMINATION & GROWTH)	MATERIALS (THERMAL INSULATION)

Key enquiry types italicized

	Term 1		Term 2		Term 3	
Cycle A	<p>Unit 1 Interdependence of organisms 2. the need for a variety of foods and exercise for human good health 3. the effect on the human body of some drugs, e.g. alcohol, solvents, tobacco</p> <p><i>Exploration</i> <i>Classification</i> <i>Making things</i></p> <p>HEALTHY LIVING (DRUGS AND SMOKING)</p>	<p>Unit 2 How things work 1. the uses of electricity and its control in simple circuits</p> <p><i>Exploration</i> <i>Fair testing</i> <i>Making things</i></p> <p>ELECTRICITY (CHANGING CIRCUITS - & MAKING THINGS)</p>	<p>Unit 3 Sustainable Earth 3. a comparison of the features of some natural and man-made materials 4. the properties of materials related to their uses 5. how some materials are formed or produced</p> <p><i>Exploration</i> <i>Classification</i> <i>Fair testing</i> <i>Making things</i></p> <p>MATERIALS – CHANGES (REVERSIBLE & IRREVERSIBLE & CHANGING STATE)</p>	<p>Unit 4 Sustainable Earth 6. a consideration of what waste is and what happens to waste that can be recycled and that which cannot be recycled</p> <p><i>Exploration</i> <i>Pattern-seeking</i> <i>Fair testing</i> <i>Making things</i></p> <p>RECYCLING (DISSOLVING & SEPARATING)</p>	<p>Unit 5 Interdependence of organisms 4. through fieldwork study the plants and animals found in two contrasting local environments 5. the interdependence of living organisms in the environments and their representation as food chains 6. the environmental factors that affect what grows and lives in the environment</p> <p><i>Exploration</i> <i>Classification</i></p> <p>LIFE CYCLES & CLASSIFICATION</p>	<p>Unit 6 How things work 2. forces of different kinds 3. the ways in which forces can affect movement and how forces can be compared</p> <p><i>Fair testing</i> <i>Making things</i></p> <p>FORCES (SURFACE FRICTION & FORCEMETERS)</p>
Cycle B	<p>Unit 7 Interdependence of organisms 1. the names, positions, functions and relative sizes of a human's main organs 2. the need for a variety of foods and exercise for human good health</p> <p><i>Exploration</i> <i>Making things</i> <i>Using & applying models</i></p> <p>HEART & PULSE</p>	<p>Unit 8 How things work 2. forces of different kinds - gravity and air resistance 3. the ways in which forces can affect movement and how forces can be compared</p> <p><i>Fair testing</i> <i>Making things</i> <i>Using models</i></p> <p>FORCES (GRAVITY AND AIR RESISTANCE)</p>	<p>Unit 9 How things work 5. how light travels and how this can be used</p> <p><i>Fair testing</i> <i>Making things</i> <i>Using models</i></p> <p>LIGHT (REFLECTION, HOW WE SEE & MEASURING LIGHT)</p>	<p>Unit 10 Sustainable Earth 1. the daily and annual movements of the Earth and their effect on day and year length 2. the relative positions and key features of the Sun and planets in the solar system</p> <p><i>Exploration</i> <i>Using & applying models</i></p> <p>EARTH & SPACE (EARTH'S ORBIT AND MOON'S PHASES)</p>	<p>Unit 11 Interdependence of organisms 4. through fieldwork study the plants and animals found in two contrasting local environments 6. the environmental factors that affect what grows and lives in the environment 7. how humans affect the local environment</p> <p><i>Exploration</i> <i>Classification</i></p> <p>COMPARING HABITATS</p>	<p>Unit 12 How things work 4. how different sounds are produced and the way that sound travels</p> <p>Sustainable Earth 3. a comparison of the features of some natural and man-made materials</p> <p><i>Exploration</i> <i>Fair testing</i> <i>Classification</i></p> <p>SOUND (INSULATING MATERIALS)</p>