



### PAPER D

SKILL AREA	MEASURING & OBSERVING	INTERPRETING DATA	PREDICTING/CONCLUDING FROM DATA	INVESTIGATING	REASONING/PROBLEM SOLVING
<b>KNOWLEDGE AREA</b>	<b>Questions may require students to do all the above as well as, for example, the following:</b>				
<b>EARTH &amp; BEYOND</b>	<ul style="list-style-type: none"> <li>observe the effects of weathering and erosion</li> </ul>	<ul style="list-style-type: none"> <li>read weather maps</li> </ul>	<ul style="list-style-type: none"> <li>draw conclusions about natural phenomena</li> </ul>	<ul style="list-style-type: none"> <li>investigate variations in air and water temperatures</li> </ul>	<ul style="list-style-type: none"> <li>deduce the youngest rock layer from fossil dating</li> </ul>
<b>NATURAL &amp; PROCESSED MATERIALS</b>	<ul style="list-style-type: none"> <li>observe differences between fresh and processed foods</li> </ul>	<ul style="list-style-type: none"> <li>examine tables relating to foodstuffs</li> </ul>	<ul style="list-style-type: none"> <li>draw conclusions about the chemical composition of coins</li> </ul>	<ul style="list-style-type: none"> <li>distinguish between physical and chemical changes</li> </ul>	<ul style="list-style-type: none"> <li>deduce rates of expansion when metal bars are heated</li> </ul>
<b>LIFE &amp; LIVING</b>	<ul style="list-style-type: none"> <li>differentiate between human body parts</li> </ul>	<ul style="list-style-type: none"> <li>use habitat maps to identify local plants and animals</li> </ul>	<ul style="list-style-type: none"> <li>use food webs to work out relationships between living things</li> </ul>	<ul style="list-style-type: none"> <li>investigate resources needed for survival of living things</li> </ul>	<ul style="list-style-type: none"> <li>identify how habitats can be polluted by human activities</li> </ul>
<b>ENERGY &amp; CHANGE</b>	<ul style="list-style-type: none"> <li>examine light globes of different voltages</li> </ul>	<ul style="list-style-type: none"> <li>interpret graphs of sounds of different loudness</li> </ul>	<ul style="list-style-type: none"> <li>predict current flow in a circuit</li> </ul>	<ul style="list-style-type: none"> <li>investigate hotspots in a microwave oven</li> </ul>	<ul style="list-style-type: none"> <li>examine the ranges of radio frequencies</li> </ul>

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