



PAPER F

SKILL AREA	MEASURING & OBSERVING	INTERPRETING DATA	PREDICTING/CONCLUDING FROM DATA	INVESTIGATING	REASONING/PROBLEM SOLVING
KNOWLEDGE AREA	Questions may require students to do all the above as well as, for example, the following:				
EARTH & BEYOND	<ul style="list-style-type: none"> examine and identify differences between sedimentary, metamorphic and igneous rocks 	<ul style="list-style-type: none"> interpret diagrams relating to the hydrosphere, lithosphere and atmosphere 	<ul style="list-style-type: none"> compare models of the solar system and Universe 	<ul style="list-style-type: none"> investigate advantages and disadvantages of renewable and non-renewable energy 	<ul style="list-style-type: none"> understand the structure of Earth
NATURAL & PROCESSED MATERIALS	<ul style="list-style-type: none"> observe the particle model of matter 	<ul style="list-style-type: none"> examine graphs relating to changes of state (solid, liquid and gas) 	<ul style="list-style-type: none"> draw conclusions about the properties of metals and non-metals 	<ul style="list-style-type: none"> examine variables associated with the production of common gases 	<ul style="list-style-type: none"> determine the molecular structure of compounds and elements using models
LIFE & LIVING	<ul style="list-style-type: none"> identify different parts of the cell 	<ul style="list-style-type: none"> classify living and non-living things based on structure and form 	<ul style="list-style-type: none"> understand the function of different systems of the human body 	<ul style="list-style-type: none"> investigate the role of organisms in ecosystems 	<ul style="list-style-type: none"> understand interactions of marine organisms
ENERGY & CHANGE	<ul style="list-style-type: none"> observe transformation of energy 	<ul style="list-style-type: none"> identify energy emission differences 	<ul style="list-style-type: none"> conclude how objects may be moved indirectly 	<ul style="list-style-type: none"> draw conclusions about the speed of sound in different mediums 	<ul style="list-style-type: none"> deduce the velocity of moving objects

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