



PAPER E

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"> measure the size of celestial bodies using ratio scales 	<ul style="list-style-type: none"> interpret graphs about sedimentary data 	<ul style="list-style-type: none"> identify landforms from contour maps 	<ul style="list-style-type: none"> investigate rocket propulsion 	<ul style="list-style-type: none"> predict movements of tectonic plates
NATURAL & PROCESSED MATERIALS	<ul style="list-style-type: none"> identify building structures using diagrams and drawings 	<ul style="list-style-type: none"> interpret tables relating to organic and inorganic substances 	<ul style="list-style-type: none"> examine the chemical processes involved in food production 	<ul style="list-style-type: none"> identify correct laboratory equipment to use in experiments 	<ul style="list-style-type: none"> identify sources of chemical pollution in aquatic and terrestrial environments
LIFE & LIVING	<ul style="list-style-type: none"> measure animals using relative sizes 	<ul style="list-style-type: none"> use keys to differentiate between living things 	<ul style="list-style-type: none"> make inferences from animal dental formulas 	<ul style="list-style-type: none"> examine relationships between variables in biological experiments 	<ul style="list-style-type: none"> determine the trophic position of living things in food chains
ENERGY & CHANGE	<ul style="list-style-type: none"> measure electrical current and voltage 	<ul style="list-style-type: none"> examine differences in energy emissions 	<ul style="list-style-type: none"> draw conclusions from data relating to sound 	<ul style="list-style-type: none"> make predictions about reflected and refracted rays of light 	<ul style="list-style-type: none"> calculate speed and acceleration from given formulas

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