



PAPER H

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 geological structures using relative size of objects 	<ul style="list-style-type: none"> interpret relative differences in spectral emission lines 	<ul style="list-style-type: none"> classify stars based on brightness and magnitude 	<ul style="list-style-type: none"> recognise problems associated with extraterrestrial investigations 	<ul style="list-style-type: none"> explain atmospheric phenomena both on Earth and on other planets
NATURAL & PROCESSED MATERIALS	<ul style="list-style-type: none"> identify differences in solvents 	<ul style="list-style-type: none"> understand the properties of acids and bases 	<ul style="list-style-type: none"> identify the effects of alcohol on human functioning 	<ul style="list-style-type: none"> understand the use of substances including catalysts in experiments 	<ul style="list-style-type: none"> establish rules relating to isotopes
LIFE & LIVING	<ul style="list-style-type: none"> identify organ parts of living things 	<ul style="list-style-type: none"> examine transverse sections of living and non-living things 	<ul style="list-style-type: none"> extrapolate graphical information about growth rates of living things 	<ul style="list-style-type: none"> test the function of specific organs and tissues in living things 	<ul style="list-style-type: none"> classify species using non-traditional methods
ENERGY & CHANGE	<ul style="list-style-type: none"> record temperature using scales other than Celsius 	<ul style="list-style-type: none"> identify the effects of electric currents on humans 	<ul style="list-style-type: none"> predict the movement of a series of gears 	<ul style="list-style-type: none"> assess the safety issues associated with experiments involving electricity 	<ul style="list-style-type: none"> compare the different forces acting on a body in the air and in water

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