

Year 4 Science Reflection Tasks

Science Topic	Solid, liquid and gases	Electricity	Sound	Digestive system	Animals including humans
Reflection Tasks	Chocolate investigation Can I investigate materials as they change state?	Changing variables investigation Can I investigate circuits?	Whizz Kidz TV Blog presentation How can I change pitch?	Explanation text Can I investigate what happens to teeth over time? Investigation how sugary drinks affect tooth enamel.	Booklet on exploring the river environment. Can I explore the river environment?
Scientific Enquiry	Pattern seeking	Fair testing	Secondary sources and fair testing	Observation over time	Classifying and grouping
Skills For Working Scientifically	<ul style="list-style-type: none"> I can ask relevant questions and use different types of scientific enquiries to answer them. I can set up practical enquiries, comparative and fair tests. I can gather, record, classify and present data in a variety of ways to help with answering questions. I can record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables. I can report on findings from enquiries, including 	<ul style="list-style-type: none"> I can ask relevant questions and use different types of scientific enquiries to answer them. I can set up practical enquiries, comparative and fair tests. I can record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables. I can report on findings from enquiries, including spoken and written explanations, displays or presentations of results and conclusions. I can use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further 	<ul style="list-style-type: none"> I can ask relevant questions and use different types of scientific enquiries to answer them. I can set up practical enquiries, comparative and fair tests. I can report on findings from enquiries, including spoken and written explanations, displays or presentations of results and conclusions. 	<ul style="list-style-type: none"> I can ask relevant questions and use different types of scientific enquiries to answer them. I can set up practical enquiries, comparative and fair tests. I can make systematic and careful observations, and take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers. I can gather, record, classify and present data in a variety of ways to help with answering questions. I can record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables. 	<ul style="list-style-type: none"> I can ask relevant questions and use different types of scientific enquiries to answer them. I can record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables. I can report on findings from enquiries, including spoken and written explanations, displays or presentations of results and conclusions. I can identify differences, similarities or changes related to scientific ideas and processes.

	<p>spoken and written explanations, displays or presentations of results and conclusions.</p> <ul style="list-style-type: none">• I can use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.• I can use scientific evidence to answer questions or to support my findings.	<p>questions.</p> <ul style="list-style-type: none">• I can use scientific evidence to answer questions or to support my findings.		<ul style="list-style-type: none">• I can report on findings from enquiries, including spoken and written explanations, displays or presentations of results and conclusions.• I can use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.• I can use scientific evidence to answer questions or to support my findings.	
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