

Science

Year 4 – Summer 2-Working Scientifically

National Curriculum / End Point statement			
Working Scientifically <ul style="list-style-type: none"> • asking relevant questions and using different types of scientific enquiries to answer them • setting up simple practical enquiries, comparative and fair tests • making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers • gathering, recording, classifying and presenting data in a variety of ways to help in answering questions • recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables • reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions • using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions • identifying differences, similarities or changes related to simple scientific ideas and processes • using straightforward scientific evidence to answer questions or to support their findings 			
Step 1	Step 2	Step 3	Step 4
WALT gather, record and classify data	WALT set up a fair test	WALT Take accurate measurements using standard units, using a range of equipment	WALT use results to draw simple conclusions and suggest further improvements
In Focus -	In focus -	In Focus -	In Focus -
Success Criteria			
Suggested Outcome			
Local survey	Drying Children	Measuring temperature Children can make reasonably accurate measurements of temperature independently using correct units of measurement.	Dunking biscuits

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Vocabulary	NC links
<i>Measure, observe, record, thermometer, data logger</i>	<i>Prior science learning across the year. States of Matter</i>
Key Learning	
<i>Children develop and consolidate their enquiry skills by planning, doing and reviewing a range of investigations based on their science learning.</i>	