



St. Francis Xavier's RC Primary School

Science Unit Guidance and Formative Assessment

Year Group:	1 Summer 2	Subject:	Science
Unit:	Working scientifically	Prerequisite Learning and Curriculum Links	<p>EYFS ELG The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants; know some similarities and differences between the natural world around them and contrasting environments; understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>Curriculum Links in Year 1</p> <p>Science: embedded 'working scientifically' skills taught across all of year one</p> <p>Maths: Measuring amounts of water, language of comparison</p>

ROCKS (Remembering Our Curriculum Knowledge and Skills)

A prediction is what we think is going to happen, based on what we already know

We can make an experiment a 'fair test' by keeping things the same

Recording results in different ways, including tables and pictures

Using scientific equipment safely and carefully, such as electrical circuits

Progressive Journey:

Discussion about how scientists discover new information and prove their theories

Carousel of practical-based scientific experiments and activities

Children explore open-ended scientific questions such as 'are all big things heavy?'

Solving questions using scientific enquiry, including 'which container holds the most water?'

Linking the correct equipment to an experiment

Constructing a simple circuit using bulbs, a cell and wires

Skills:

Asking questions

Orally making a prediction, beginning to give reasons for their thoughts and ideas

Making an experiment a 'fair test' by keeping some things the same

Selecting the appropriate equipment

Using equipment safely and correctly to ensure results are accurate

Recording findings and results in different ways

Making careful observations about what we see

Concluding if our predictions were correct or incorrect

Key Vocabulary

Experiment, prediction, measure, observe, results, findings, questions, answers, equipment, fair test, container, capacity, heavier, lighter, greater, smaller safety, hazard, conclusion, prove