



# St. Francis Xavier's RC Primary School

## Science Unit Guidance and Formative Assessment

<b>Year Group:</b>	<b>1 Spring Term 1</b>	<b>Subject:</b>	<b>Science</b>
<b>Unit:</b>	Materials	<b>Prerequisite Learning and Curriculum Links</b>	<p><b>EYFS ELG The Natural World</b> 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><b>Shape, space and measure:</b> explore the characteristics of materials.</p> <p><b>Exploring and Using Media and Materials:</b> To use and explore a range of materials, experimenting with form, texture and function.</p> <p><b>Curriculum Links in Year 1</b></p> <p><b>Design Technology:</b> Children select and use different materials to design a pirate's lunch box</p>

### ROCKS (Remembering Our Curriculum Knowledge and Skills)

- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
- Describe the simple physical properties of a variety of everyday materials.
- To know which materials are magnetic or not magnetic.
- Compare and group together a variety of everyday materials on the basis of their simple properties.
- Distinguish between an object and the material from which it is made.

<b>Progressive Journey:</b>	<b>Skills:</b>
<p>All objects have a naming word (noun).          Every object is made from a material such as metal, wood or plastic.          Each materials has own 'properties' which can be used to describe it.          Classify materials into magnetic or non-magnetic after performing tests.          Test if materials are waterproof or water resistant.          Different materials are suitable for different purposes.</p>	<p>Observing things closely to describe properties.          Identifying and classifying objects.          Making predictions using reasoning skills.          Making experiments a fair test.          Record findings.</p>

**Key Vocabulary**  
 Materials: wood, plastic, metal, glass, fabric, water, rock  
 Properties of materials: hard, shiny, dull, smooth, rough, soft, stretchy flexible, long, magnetic, waterproof, water resistant  
 Prediction, measure, results, findings, fair