St John Fisher RC Primary School
Year Two Knowledge Organiser – Autumn Term Two - Science

What we will be learning

I know:

Lesson 1
- How to identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- How to perform simple tests on wood, paper and cardboard to learn more about their structure and properties

Lesson 2
- That rocks are a natural material found on and underneath the Earth's surface and that brick is a man-made building material
- How to identify similarities and differences between glass and plastic and use the terms transparent, translucent and opaque.

Lesson 3
- How to explore a range of metallic objects and perform simple tests to further understand the properties of metals
- How to identify and name a range of natural and man-made fabrics and understand that they all have different properties and uses.

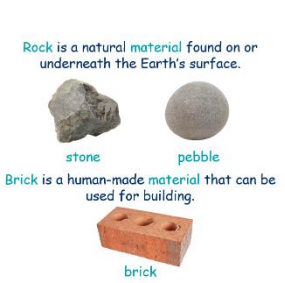
Lesson 4
- How to explain why a material is suitable for a particular purpose.
- How to carry out simple tests to discover whether I can change the shape of a solid material through bending, squashing, twisting and stretching and use simple tables to record data from my investigations.

Lesson 5
- How to plan and carry out a comparative test to identify which material would be the most suitable for an umbrella.

Lesson 6
- How we can reduce plastic waste in school

Key Vocabulary

 human-made	A material made by people
 natural	From animals, plants or the earth
 material	What an object is made from
 recycle	Change rubbish into a material that can be used again







Brittle – can be easily broken



Flexible – can change shape easily













