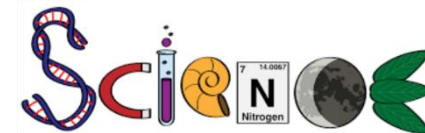




St Andrew's C of E Maghull Knowledge Organiser



Year 2 - Summer 2 - Everyday Materials

Knowledge:

I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.

I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Vocabulary:

Opaque – a material or object you cannot see through.

Transparent – a material or object that lets light shine through so you can see clearly onto the other side.

Translucent – you can see light shining through it but you cannot clearly see what is on the other side.

Reflective – a material that bounces light back at you.

Non Reflective – a material that absorbs the light.

Flexible – a material that can bend or stretch easily.

Rigid – a material that can not bend or stretch at all.

Lesson Sequence:

Lesson 1

I can explain why different objects are made from different materials depending on their use.

Lesson 2

I can compare how suitable materials are for different uses based on their properties.

Lesson 3

I can explain where materials come from and how some materials are less harmful to planet Earth.

Lesson 4

I can investigate which materials are absorbent and explain how suitable they are for different uses.

Lesson 5

I can investigate which materials are stretchy and explain how suitable they are for different uses.

Lesson 6

I can plan and carry out a test to try to change the shape of different materials in different ways.

