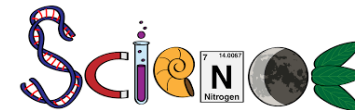




St Andrew's C of E Maghull Science Knowledge Organiser



Year 1 Science – Autumn 1 – Exploring everyday materials

Knowledge: I...

Can distinguish between an object and the material from which it is made.

Can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock.

Can describe the simple physical properties of a variety of everyday materials.

Can compare and group together a variety of everyday materials on the basis of their simple physical properties.

Can describe different materials in different ways.

Can use describing words for properties of materials.

Can use our senses when describing properties of materials.

Can compare and group materials on the basis of their simple properties.

Can name and group different materials that can be recycled.

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.



Vocabulary

Object - An object is something you can touch but something that is not usually a living thing.

Material - A material is what an object is made from. An object can be made from more than one material.

Plastic - Plastic is a material which is made from crude oil and can be moulded into different shapes.

Recycle - Recycling is when we collect and sort our rubbish instead of throwing it away. These items then get changed into something new for us to use.

Sort - To sort is to put items into different groups.

Group - To group things is to put similar things together.

Landfill - Landfill is where we get rid of waste by burying it in the ground.

Reduce - Reduce means using less of things.

Reuse - When we reuse something we use it again.

Wood - Wood is the material that comes from trees.

Metal - Most metals are strong, hard and shiny materials. They are good conductors of heat and electricity.

Glass - hard, clear material

Metal - hard material

Rock - part of the earth (cliffs, mountains)

Card - thick piece of paper

Paper - made from wood, used for writing

Rubber - stretchy material used to make

Lesson Sequence:

Lesson 1: I can name different objects and explore different materials they are made from.

Lesson 2: I can name different everyday materials.

Lesson 3: I can name and group different materials that can be recycled.

Lesson 4: I can describe different objects that can be reduced, reused and recycled.

Lesson 5: I can describe simple properties of everyday materials.

Lesson 6: I can talk about different jobs linked to Science.

Lesson 7: I can plan and investigate waterproof materials.

