



St Leo's and Southmead
Catholic Nursery and Primary
School

Year
One

Science Knowledge Organiser

Autumn
Term

Amazing Activities

Explore a variety of different magnets and objects (both magnetic and non-magnetic), including paperclips in jars/bowls of water.

Key Concepts

- distinguish between an object and the material from which it is made
- Identification and naming a variety of everyday materials, including wood, plastic, glass, metal
- Objects are made from certain materials due to the properties of the material (eg, windows - glass because it is transparent)
- Some metals are magnetic
- Everyday materials have a variety of properties and these can be described in different ways. For eg, shiny, dull, hard and soft.
- compare and group together a variety of everyday materials on the basis of their simple physical properties

Everyday Materials

Key Vocabulary

Material - the substance used to make something

Properties - words which describe how a material looks or feels

Magnet - a piece of metal that can pull certain types of metals towards it

Magnetic material - materials which are attracted to magnets

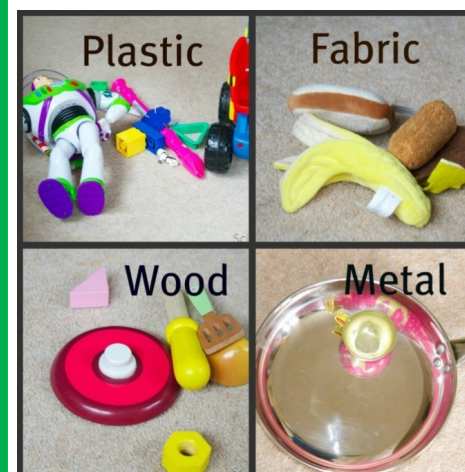
Transparent - the property of letting light through

Opaque - the property of blocking out light

Waterproof - the property of not letting water through

Skills

- asking simple questions and recognising that they can be answered in different ways
- observing closely, using simple equipment
- performing simple tests
- identifying and classifying
- using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions



Curriculum Links

English
Speaking & listening.

Maths
Recording findings in a table of information