

Scientific enquiry:

Working Scientifically

- Ask simple questions and recognise that they can be answered in different ways.
- Use simple equipment to observe closely.
- Perform simple test.
- Identify and classify.
- Use his/her observations and ideas to suggest answers to questions.
- Gather and record data to help in answering questions.

Knowledge

- Distinguish between an object and the material it is made from.
- Identify and name a variety of everyday materials, including wood, plastic, glass, and metal.
- Describe the physical properties of a variety of materials.

Vocabulary

material	what things are made from
manmade	made by people
natural	existing in nature
magnetic	attracted to metal
properties	traits of an object
prediction	a guess based on what you already know
flexible	bends easily without breaking
transparent	you can see through it
fragile	broken easily
waterproof	A material that keeps water out

Facts

- Manmade objects are made by people
- Natural objects would exist even if there were no people
- Magnetic means that it can stick to some types of metal
- Not all metal is magnetic
- Metal is hard and strong
- Wood is natural and comes from trees
- Wood is strong, flexible and long lasting
- Plastic is manmade
- Plastic is flexible and can be made into any shape
- Glass is made from sand
- Glass is transparent, waterproof and fragile
- Stone is natural
- Stone is strong and hard
- Materials can be hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, waterproof and transparent
- In the UK houses are usually made out of brick, or stone and can include wood, metal and glass in the structure.

Images



metal



wood



plastic



glass



stone