

What I already know and can do:

- Know that scientific enquiry involves asking questions, collecting evidence through observation and measurement.
- Be able to pose simple scientific questions. What would happen if....?
- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- Describe the simple physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.

My new learning is:

- Compare how things move on different surfaces
- Notice that some forces need contact between two objects, but magnetic forces can act at a distance
- Observe how magnets attract or repel each other and attract some materials and not others.
- Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.
- Describe magnets as having two poles.
- Predict whether two magnets will attract or repel each other, depending on which poles are facing each other.

Key Vocabulary I will learn:

Magnet	An object that is made of materials that create a magnetic field
Pole	Magnets have a north and south pole
Repel	When a magnet pushes away
Attract	When a magnet sticks to a metal or another magnet
Magnetic Field	The area around a magnet in which it can attract or repel an object.
Compass	An object that uses magnets to direct you.
Force	The energy used to make an object move, stop or change direction. It can be a push or a pull.

