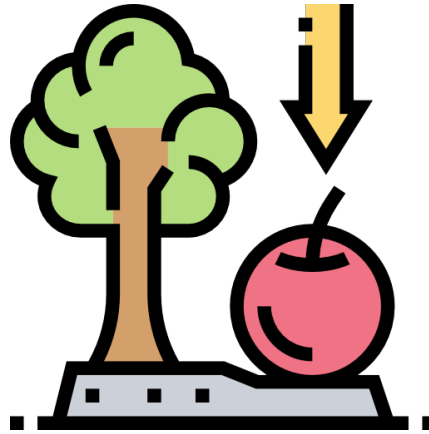


Forces & Magnets



Concepts		Core Vocabulary			
Materials	Properties	Friction	Magnetic	Attract	Repel

A great Scientist...

- develops scientific knowledge and conceptual understanding through all aspects of science.
- develops understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them.
- is equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.

Science Knowledge

I can compare how things move on different surfaces.

I know that some forces need contact between 2 objects, but magnetic forces can act at a distance.

I know that magnets attract or repel each other and attract some materials and not others.

I can 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.

I can describe magnets as having 2 poles.

I can predict whether 2 magnets will attract or repel each other, depending on which poles are facing.

Science Skills

I can ask questions, and with some support or guidance, use different types of enquiries to answer them.

I can use straightforward scientific evidence to answer given questions.

I can talk about criteria for grouping, sorting and classifying and use simple keys.

I can set up simple practical enquiries, and know when a fair test is necessary.

I can record findings using simple scientific language, drawings, labelled diagrams, bar charts, and tables with some support.

