



Science

Magnets and Forces – Term 1



Can you make a tool that can move something on the floor far away from you?

What I already know ...

*How to identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
That the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.*

What I will know

*We will learn how to compare how things move on different surfaces, to notice that some forces need contact between two objects, but magnetic forces can act at a distance, to describe magnets as having two poles.
We will also learn to predict whether two magnets will attract or repel each other, depending on which poles are facing, to 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.*

Key Vocabulary

<i>force</i>	<i>push</i>
<i>pull</i>	<i>open</i>
<i>surface</i>	<i>magnet</i>
<i>magnetic</i>	<i>attract</i>
<i>repel</i>	<i>North</i>
<i>South</i>	
<i>magnetic poles</i>	

