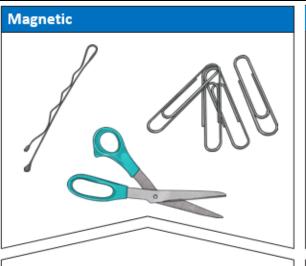
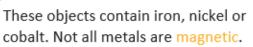




What should I Know by the end of the unit?

- 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.
- Describe magnets as having two poles.
- Predict whether two magnets will attract or repel each other, depending on which poles are facing.







These objects do not contain iron, nickel or cobalt.

What should I already know how to do?

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Key Vocabulary	
magnet	An object which produces a magnetic
	force that pulls certain objects
	towards it.
magnetic	Objects which are attracted to a
	magnet are magnetic. Objects
	containing iron, nickel or cobalt metals
	are magnetic.
magnetic field	The area around a magnet where
	there is a magnetic force which will
	pull magnetic objects towards the
	magnet.
poles	North and south poles are found at
	1.66

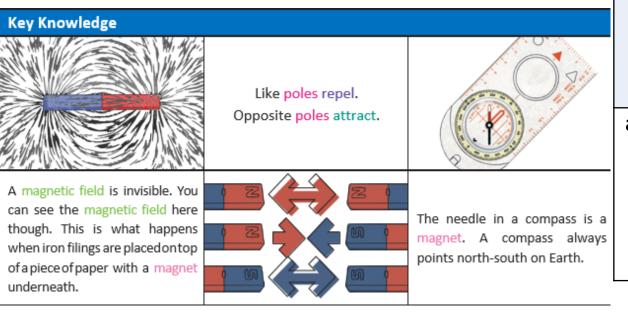
different ends of a magnet.



Believe & Achieve

What should I Know by the end of the unit?

- Compare how things move on different surfaces.
- Notice that some forces need contact between two objects, but magnetic forces can act at a distance.
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Key Vocabulary Repel Repulsion is a force that pushes objects away. For example, when a north pole is placed near the north pole of another magnet, the two poles repel (push away from each other). attract Attraction is a force that pulls objects together. For example, when a north pole is placed near the south pole of another magnet, the two poles attract (pull together).

What should I already know how to do?

Pre and Post Assessment		
Question	Pre Assessment response	Post Assessment response
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.		
 Describe magnets as having two poles. 		
 Predict whether two magnets will attract or repel each other, depending on which poles are facing. 		