

The background features a central white area with four triangles pointing towards it: a red triangle at the top-left, a yellow triangle at the top-right, a blue triangle at the bottom-left, and a blue triangle at the bottom-right. A red arrow points right from the top-right triangle. A compass icon is in the top-left triangle, and a horseshoe magnet icon is in the bottom-right triangle. The text "Forces and Magnets Challenge Cards" is centered in blue with a white outline.

Forces and Magnets Challenge Cards

twinkl

The background features a central white area with four triangles pointing towards it: a red triangle at the top-left, a yellow triangle at the top-right, a blue triangle at the bottom-left, and a blue triangle at the bottom-right. A red arrow points right from the top-right triangle. A compass icon is in the top-left triangle, and a horseshoe magnet icon is in the bottom-right triangle. The text "Forces and Magnets Challenge Cards" is centered in blue with a white outline.

Forces and Magnets Challenge Cards

twinkl

The background features a central white area with four triangles pointing towards it: a red triangle at the top-left, a yellow triangle at the top-right, a blue triangle at the bottom-left, and a blue triangle at the bottom-right. A red arrow points right from the top-right triangle. A compass icon is in the top-left triangle, and a horseshoe magnet icon is in the bottom-right triangle. The text "Forces and Magnets Challenge Cards" is centered in blue with a white outline.

Forces and Magnets Challenge Cards

twinkl

The background features a central white area with four triangles pointing towards it: a red triangle at the top-left, a yellow triangle at the top-right, a blue triangle at the bottom-left, and a blue triangle at the bottom-right. A red arrow points right from the top-right triangle. A compass icon is in the top-left triangle, and a horseshoe magnet icon is in the bottom-right triangle. The text "Forces and Magnets Challenge Cards" is centered in blue with a white outline.

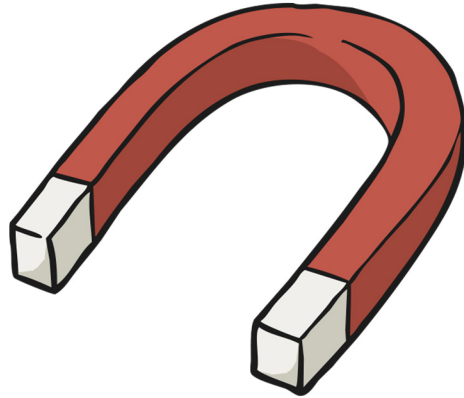
Forces and Magnets Challenge Cards

twinkl

Can you rearrange the letters in this anagram to make a word about magnets?

tinatotrac

What does it mean?



twinkl.co.uk

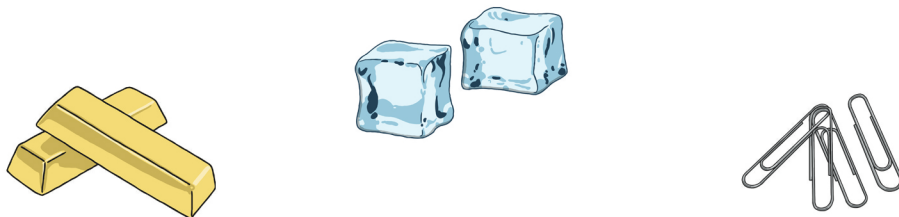
Can you rearrange the letters in this anagram to make a word about forces?

torifinc

What does it mean?



Can you name **5** different objects that are attracted to a magnet?



twinkl.co.uk

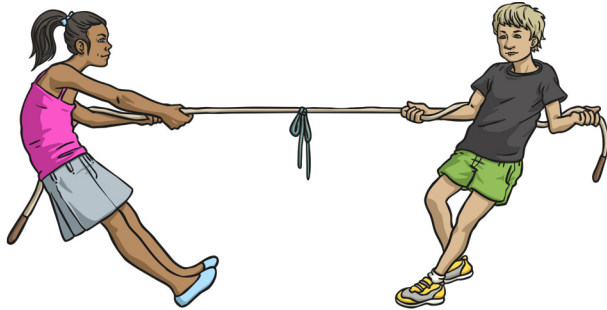
Can you create an A-Z of forces and magnets?

- A = attract
- B = bar magnet
- C = compass
- D = different poles repel



twinkl.co.uk

Can you give **two examples** of actions that require a **pushing force**, and **two examples** of actions that require a **pulling force**?

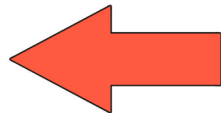
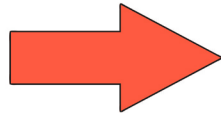


twinkl.co.uk

Match these descriptions of magnetic poles to show whether they would attract or repel.

north and north	attract
north and south	attract
south and north	repel
south and south	repel

Can you name **two surfaces** that produce **a lot** of friction and **two surfaces** that produce only **a small amount** of friction?



twinkl.co.uk

Are these statements **true or false**?

- Magnets attract all metals.
- Friction is a type of force that slows down moving objects.
- Forces are pushes and pulls.
- Magnets produce an invisible force all around them.
- Compasses all point south.

twinkl.co.uk