



Forces and Magnets



- A **force** is a push or a pull.
- **Friction** is a stopping force.
- Things move differently on different surfaces (e.g table, carpet, cardboard, lino, concrete) depending upon the amount of friction they exert on the object moving over them .
- You can not see forces but you can sometimes see and feel the effects of them.
- **Contact forces** are created when objects touch each other. Non-contact forces such as magnetism can happen at a distance, without touching.
- **Magnets** can **attract** (pull) and **repel** (push) each other.
- Magnets have a **north pole** and a **south pole**.
- When opposite poles meet the magnets will attract, when the same pole meets they repel.

Tier 2 Vocabulary

Force – A push or pull upon an object.

Friction – A force that slows down an object moving over the surface of another.

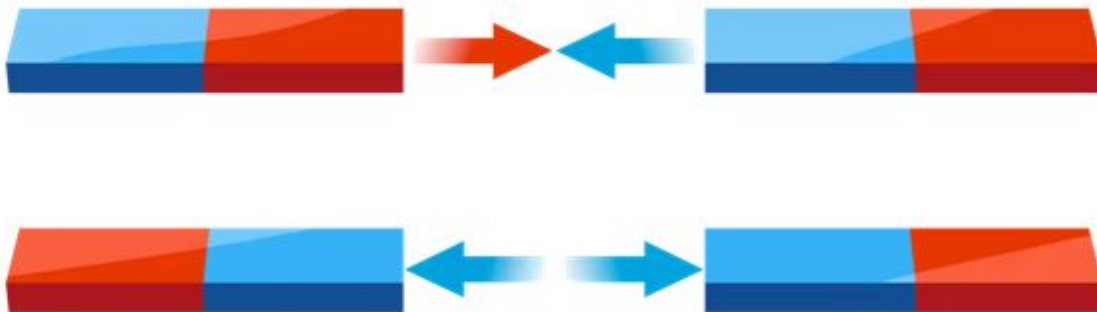
Tier 3 Vocabulary

Contact force - A force that can only work when the objects are touching.

Non contact force - A force that can work when the objects aren't touching.



This is a contact force. The man would need to touch the trolley to make it move. .



A compass pointing towards north.