

Enquiry Skills

Enquiry Types

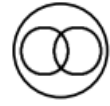


Explaining Science

Designing Experiments



Research



Classify



Finding patterns

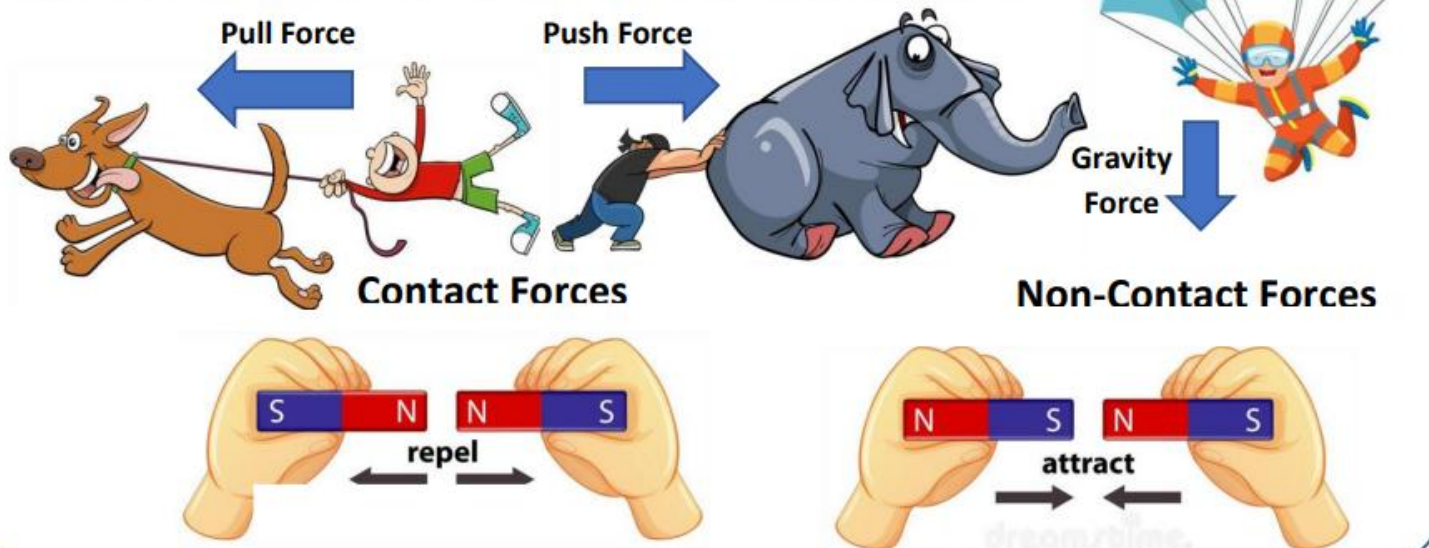


Fair testing

Key Knowledge

- Know forces change the speed, direction and shape of an object.
- Know pushes, pulls and friction force are examples of contact forces.
- Know gravity and magnetism are examples of non-contact forces.
- Magnets attract or repel each other. Magnets have two poles.
- Know that materials can be either magnetic or non-magnetic.

Force Arrow Model (Make sure you get the **direction** and **size** of the force right. Don't forget to **label** the arrow with the force)



Key Words variable cause effect prediction data range

force	twist	resistance	magnetic
force arrow	friction	reaction	non-magnetic
contact	rough	non-contact	attract
push	smooth	gravity	repel
pull	elastic	magnetism	poles