

Enquiry Skills


 Explaining
Science

 Designing
Experiments

Enquiry Types



Research



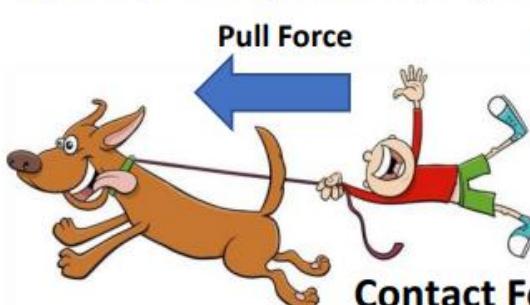
Classify

Finding
patternsFair
testing

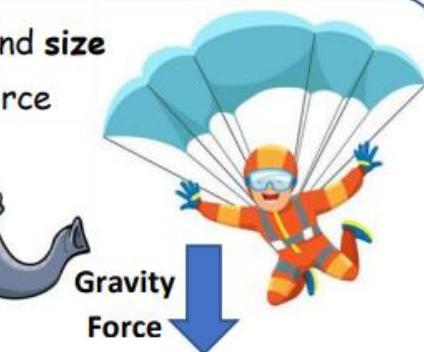
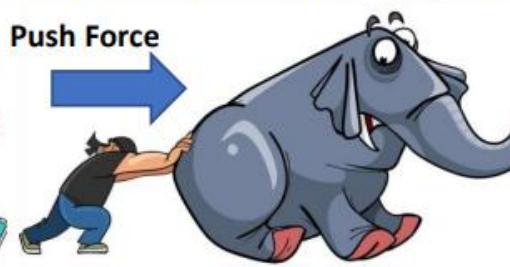
Key Knowledge

- 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.

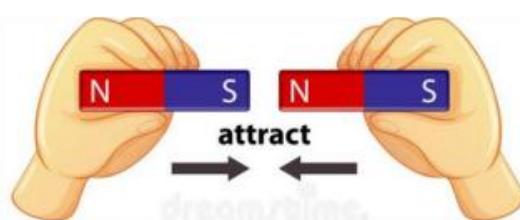
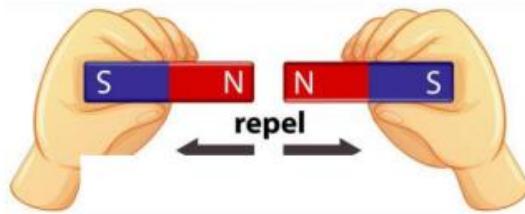
Force Arrow Model (Make sure you get the **direction** and **size** of the force right. Don't forget to **label** the arrow with the force)



Contact Forces



Non-Contact Forces



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