

What am I going to learn in this unit?

Vocabulary I need to know

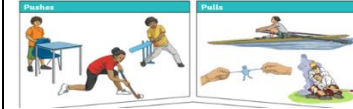
Sticky Knowledge:

- A. I can identify examples of pushes, pulls and twists
- B. I can define a force including describing, naming and classifying contact and non-contact forces
- C. I can describe the relationship between friction and the roughness of a surface
- D. I can identify examples of when friction is useful and when it is not
- E. I can predict attraction and repulsion between like and opposite poles
- F. I can identify examples of magnetic and non-magnetic materials
- G. I can describe some examples of the uses of magnets.

Working Scientifically Skills:

- 1) I can use arrows and scientific vocabulary to show the direction of a contact force
- 2) I can use evidence to support conclusions
- 3) I can identify a variable to change, to measure and to control
- 4) I can classify materials based on whether they are magnetic or not

Force



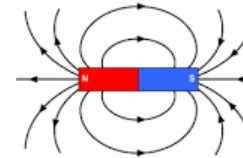
A push or a pull and is measured in Newtons

Magnetic



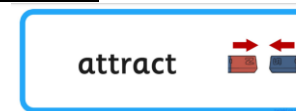
An object or material that moves

Pole



The strongest part of a magnetic. Split into the north and south pole. They are opposites

Attract



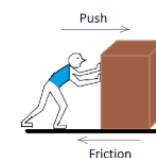
This is the word we use to explain when two magnets connect.

Repel



This is the word we use to explain when two magnets will not connect.

Friction



A force that slows objects down