



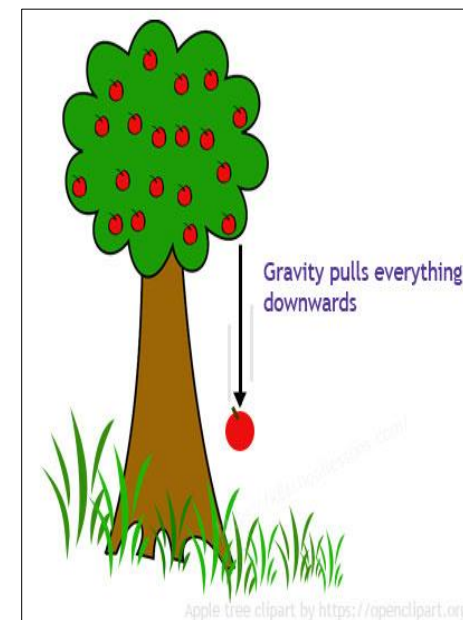
Key Vocabulary

Word	Meaning
Push	To make someone or something move forwards.
Pull	To make someone or something move backwards.
Twist	To make someone or something move around.
Gravity	The force that pulls something down to the ground.
Attract	To pull something towards it.
Repel	To push something away.
Magnet	A special metal that attracts and repels some other metals.
Direction	The path along which something moves, lies or points.
Friction	A force that slows or stops motion when objects rub together.

What is a force?

A force is a **push** a **pull** or a **twist** on an object/person which makes it change shape or move.

Types of forces

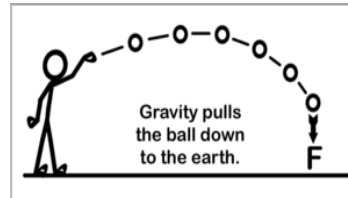




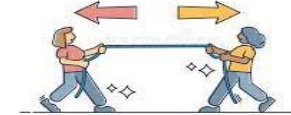
Forces

The bigger the force, the more the shape changes. The bigger the force the further the object moves.

Gravity



Direction



Friction

The lesser the **friction**, the faster an object or person will move.



Twist



Effects of forces

Forces make things:

- Move
- Change direction
- Change shape
- Stop

Extending Your Learning:

1. Think about the forces you use when you go to the park.
2. How can you test gravity using objects of different weights?
3. What forces do you use at home?
4. Investigate the forces you use when riding a bike.



Knowledge Organiser Revision Schedule

Here is the revision schedule for this half term's knowledge organiser. Please help your child to learn the specified section each week.

Week	Knowledge Organiser Section to Learn
Week 1 – w/c 12 th September	Read through your knowledge organiser.
Week 2 – w/c 19 th September	Learn the definitions of force, push and pull.
Week 3 – w/c 26 th September	Look at the section on magnets.
Week 4 – w/c 3 rd October	Learn the definition of attract, repel and magnet.
Week 5 – w/c 10 th October	Look at the section on friction
Week 6 – w/c 17 th October	Look at the section on gravity and learn the definition of direction.