

Recapped Knowledge

Different materials have different properties which means they behave in different ways.

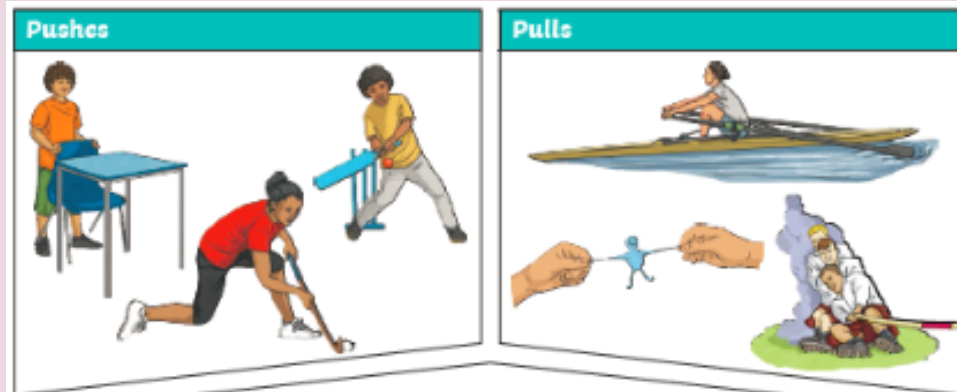
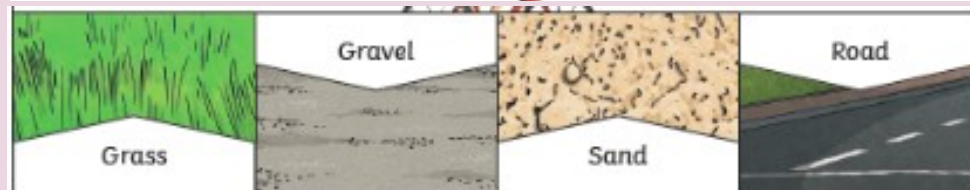


New Vocabulary

forces	Pushes or pulls
friction	A force that acts between two surfaces or objects that are moving, or trying to move, across each other.
Magnet	An object which produces a magnetic force that pulls certain objects towards it.
Poles	North and south poles are found at opposite ends of a magnet.
Repel	Repulsion is a force that pushes objects away.
Attract	Attraction is a force that pulls objects together.
Contact force	Forces that are applied by touching an object e.g. kicking a football.
Non-contact	Forces that are applied at a distance e.g. magnetic forces.

New Knowledge:

Different **surfaces** create different amounts of **friction**. The amount of **friction** created by an object moving over a **surface** depends on the roughness of the **surface** and the object, and the **force** between them.



Forces will change the motion of an object. They will either make it start to move, speed up, slow it down or even make it stop.

Working Scientifically

- Label your own Venn Diagrams.
- Draw your own labelled diagrams and tables.
- Look for patterns.
- Use results to write conclusions.
- Use scientific language in our writing.
- Recognise different enquiry types as different ways of answering questions: Fair and Comparative tests, Pattern seeking, Sorting

Venn Diagram

Tree	Leaf Colour
Oak	Green
Beech	Green
Ash	Green
Maple	Red
Chestnut	Green

