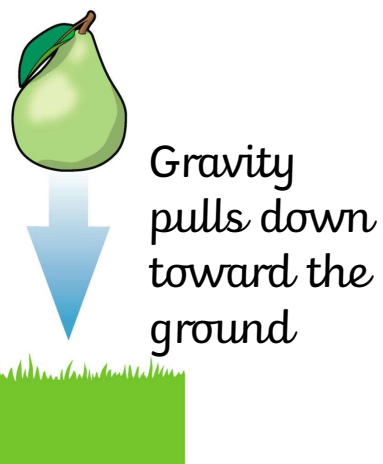
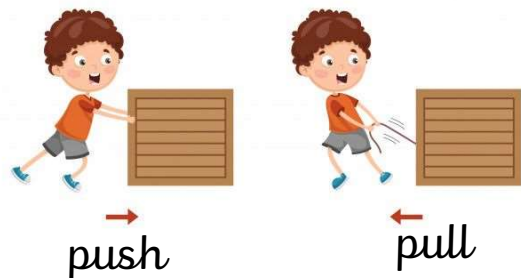


## Year 3 Knowledge organiser – How can you feel the force?

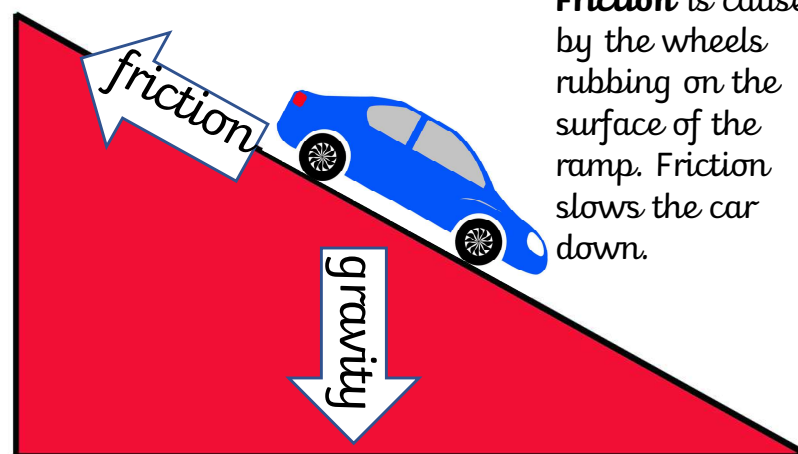


### What is a force?



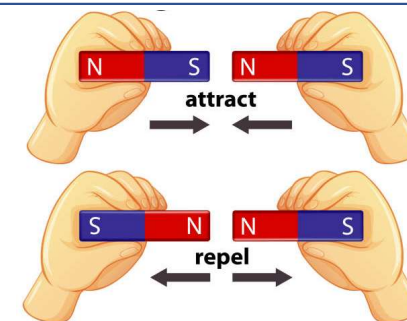
**Low friction** – the skis **slide** over the snow and the boy keeps moving.

**High friction** – his shoes **rub** on the grass and he slows down or stops.



**Friction** is caused by the wheels rubbing on the surface of the ramp. Friction slows the car down.

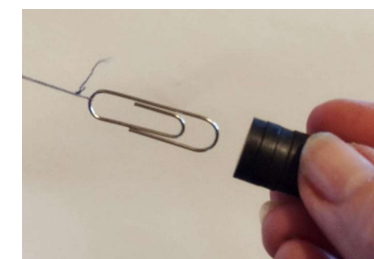
**Gravity** pulls the car downward, making it move along the ramp



A magnet can **attract** (pull) or **repel** (push) certain materials.

Magnets have north and south poles. **Poles that are the same will repel** each other.

Some magnets are **strong** and some are **weak**.



Magnetic force is **invisible** and can happen **without touching**.