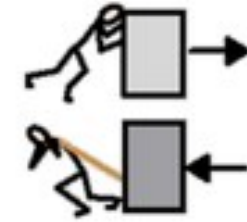


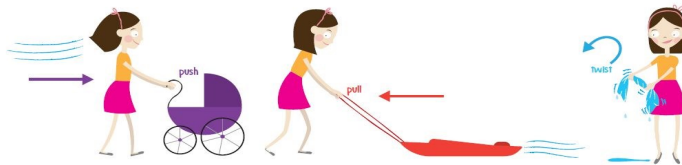


FORCES AND MAGNETS

Key Knowledge Fact Sheet—Year 3



A **force** that needs **contact** is a push, pull or twist.
This can cause an object to move.



Magnetic



Nonmagnetic

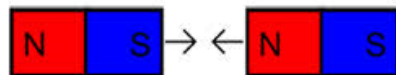


Something is **magnetic** if it is capable of being **attracted** by a **magnet**. Not every material is magnetic.

A **magnetic force** can cause an object to move from a distance (without contact).



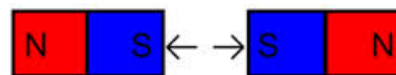
A **magnet** has 2 **poles**. They are called **North** and **South**.



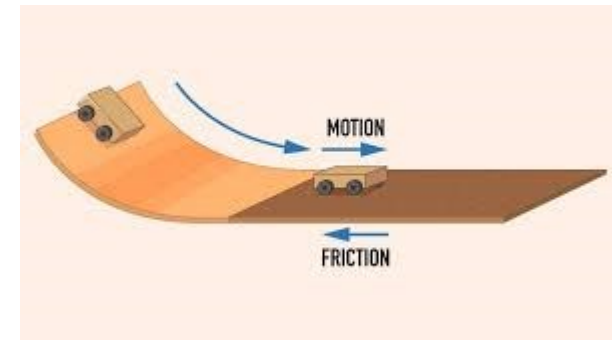
Opposite poles **attract**

Attract means pull.

Repel means push away.



Same poles **repel**



Friction is a **force**. Friction causes **resistance** between a moving object and a surface. **Resistance** slows objects down.