



# Year 2 Science - Forces and magnets (Physics)

Knowledge and skills Empower You to Succeed

Cronton CE Primary School

Keys to Success

Spring 1



Vocabulary



Knowledge

## Forces can make things.....

Change shape



Change speed



Change direction



## Magnetic Materials

Iron



Nickel



Steel



Stainless steel



## Friction

It is easier to pull or push things along smooth surfaces than rough



Attract - pull towards.

Contact force - force when two or more objects touch each other e.g. friction.

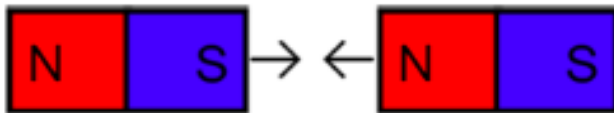
Friction - contact force when two objects touch each other.

Magnetic field - area around a magnet with a magnetic force.

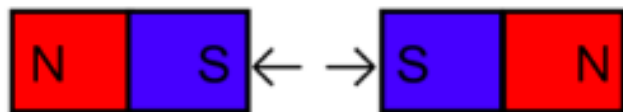
Magnetic - pushing or pulling force that acts between a magnet and magnetic materials.

Pole - the end of a magnet where the magnetic field is the strongest.

Repel - to push backwards.



Opposite poles attract



Same poles repel

 Percy Pattern	 Ohene Observer
 Modelling Maggie	 Isaac Identifier
 Rosalind Researcher	 Fair Test Faraday