

Magnets

magnet: an object that creates a magnetic field and exerts a magnetic force.

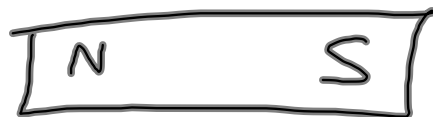
All magnets have 2 poles: north and south.
Opposite poles attract
Like poles repel

Magnetic Fields

Magnets are able to exert forces on other magnets even when they are not touching. They do this through their magnetic fields. Magnetic fields are similar to electric fields in that at every point in space they have a specific strength and direction.

Today we will explore magnetic fields

Bar magnet



Magnetic Field Shapes

