

# Forces and Magnets

## Crucial Knowledge:

1. Forces are pushes and pulls
2. Forces act in opposite directions to each other.
3. Magnets attract (pull) or repel (push) each other
4. Magnets have 2 magnetic poles (north & south).

## Extended Knowledge:

1. These forces change the motion / movement of an object.
2. If you place the magnets so that two of the same poles face each other, the magnets will move away from each other. They are repelling each other.
3. Forces need contact between 2 objects, but magnetic forces can act at a distance.
4. Friction is the force that holds back a moving object.
5. Magnets attract some materials but not others.
6. Opposite poles attract. Similar poles repel.

