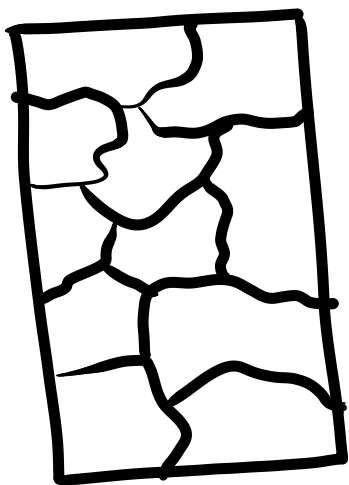


Magic Magnets

Magnets seem like magic – but really a magnet is created when all the electrons in an object spin in the same direction. Magnets like to stick to other objects where the electrons are also spinning in the same direction!

What type of materials can be magnetic?

Draw the electrons in this magnetic material and label the poles.



Draw the magnetic field around this magnet.



Key Words:

Magnet: An object where all the electrons spin in the same direction, so they have an attraction to other objects with electrons spinning in the same direction.

Pole: The ends of an object or force field's axis.

Magnetic Field: The area in which a magnet has an effect.