



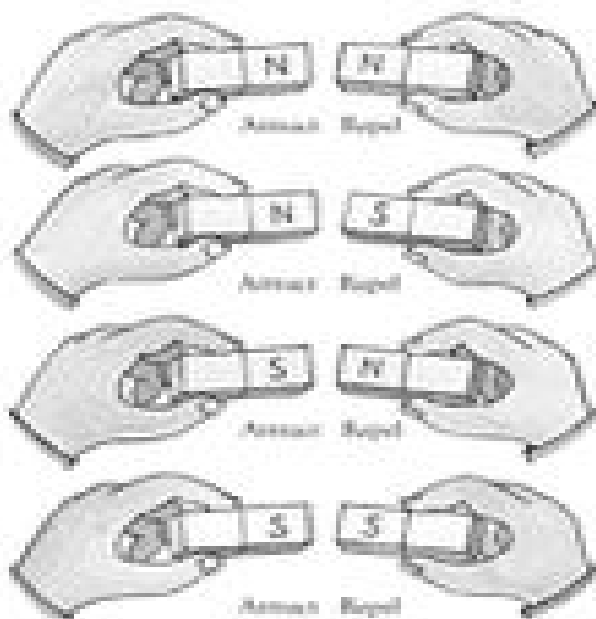
Attract or repel?

Background knowledge

On every magnet, the magnetic poles are where the force of magnetism is strongest. The north pole of one magnet will always attract the south pole of another magnet. If two south poles or two north poles are placed near one another, they will repel each other. When two magnets repel, they push away from one another. Earth is a gigantic magnet—it has a magnetic north and south pole.

Science activity

Look at the pairs of magnets in the pictures. Which pairs will attract each other? Which pairs will repel each other? Circle your answers.



Science investigation

Obtain 3–4 horseshoe-shaped magnets, and a dowel or pencil that will fit through the magnets' openings. Place the dowel vertically on a base of newspaper or bubble wrap. Try stacking the magnets in different ways on the dowel. Record and explain all of your observations.