

Magnetism



by Abbie Dunne

Pebble[®]
Plus

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What is a Magnet?

Magnets pull together and push apart with a force called magnetism.

Magnets are made from metals.





Magnetic Materials

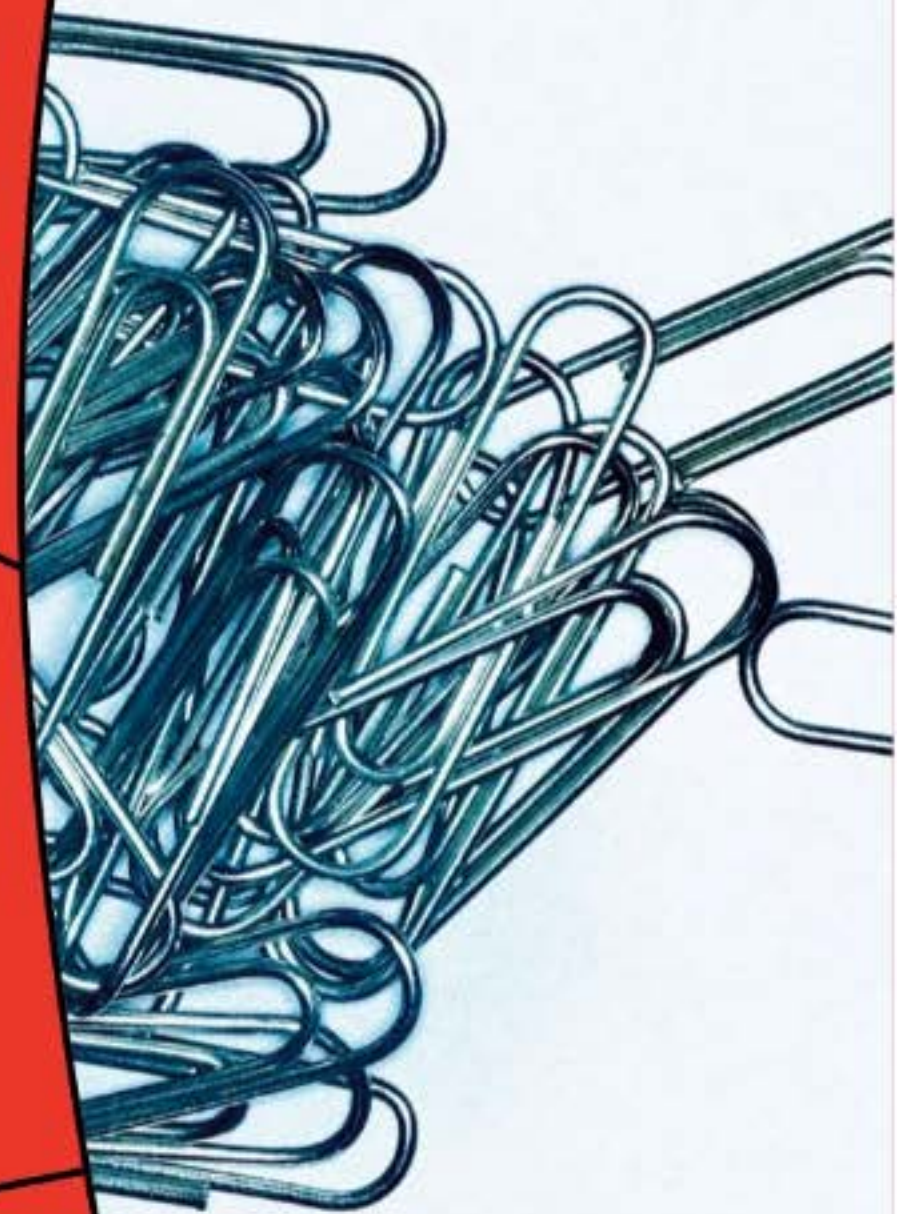
All magnets attract objects made of iron. Nails and paper clips stick to magnets. Other metals do not stick to magnets.



Magnetic Field

Like a bubble, a magnetic field surrounds a magnet.

If the magnet is close to a magnetic object, its magnetic field pulls the object toward it.



For Review Only



Glossary

attract—to pull something toward something else

compass—an instrument used for finding directions

force—push or pull

magnetic field—the space around a magnetic object in which magnetic forces can be detected

pole—one of the two ends of a magnet; a pole can also be the top or bottom part of a planet

repel—to push something away

Critical Thinking Using the Common Core

1. If you hold the north poles of two magnets near each other, will they pull together (attract) or push apart (repel)?
(Key Ideas and Details)
2. Magnets are everywhere. Can you think of a magnet you use often? (Integration of Knowledge and Ideas)
3. Could you use a magnet to pick up an aluminum can? Why or why not?
(Integration of Knowledge and Ideas)

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