Magnet Investigation

Name / chosen name: _____

Work with an adult. Predict before testing; observations describe what actually happened.

Materials

One large encased classroom magnet, large steel spoon, plastic block, wooden block and paper.

Instructions

1. Predict which objects will be attracted.
2. Bring the magnet close to each object without forcing contact.
3. Record attracted or not attracted.
4. Test whether it can attract the spoon through one sheet of paper.

1. My prediction

Observation

Safety: Use a large encased magnet checked by an adult, with no loose strong magnets. Keep magnets away from mouths and follow classroom equipment procedures.

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Record and explain

1. What happened?

2. Was it different from my prediction?

3. What did I change or keep the same?

Scientific explanation: Magnets attract certain materials, including many objects made from iron or steel. They do not attract every metal. A magnetic force can act across a small gap or through some materials.

1. One further question

2. How I could test it safely with an adult

Background source: https://www.sciencelearn.org.nz/resources/2562-introducing-magnetism