



Magnets & Materials: Student Activity Sheet

Name: _____

Date: _____

Explore

Part 1: Exploration

3. Without leaving your seat, your first challenge is to find as many things as possible that stick to your magnet.
4. Your second challenge is to find as many things as possible that do not stick to your magnet.
5. Based on your exploration complete the sentences below:

Magnets stick to _____.

Magnets don't stick to _____.

Part 2: Magnetic Force Hunt

1. Take a look around the classroom. Predict which object you think the magnet will be attracted to and which object you think the magnet will not be attracted to.
2. Use your bar magnet to test the different things.
3. Based on your exploration complete the sentences below

One thing I expected the magnet to attract, and it did, was _____.

One thing I expected the magnet to attract, and it didn't, was _____.

One thing I expected not to be magnetic, and it wasn't, was _____.

One thing I expected not to be magnetic, and it was, was _____.

4. Look at your magnet statements from **Part 1 number 5**. Add to your statement and use terms for what objects are made of, such as wood, glass, plastic, metal, cloth, or paper.

Magnets stick to _____.

Magnets don't stick to _____.

Explain

1. What are some things the magnet is attracted to in the story? _____

2. Why do the magnet and his friends play kickball? Use evidence from the text to support your answer. _____

3. After you watch the video write a one-sentence summary of what you learned.

Elaborate

Part 3: Exploring Metals and Magnets

1. Put the magnet to the side and observe your test materials: aluminum foil, penny, washer, and fuzzy craft stem.
2. In the chart below **predict** which objects you think the magnet will attract.

Object	Prediction	Result
Aluminum Foil		
Penny		
Washer		
Fuzzy Craft Stem		

3. Place the bar magnet next to the aluminum foil. Did the magnet attract the aluminum foil?
Record your result for aluminum foil in the chart above.
4. Repeat step 3 with the penny, washer, and fuzzy craft stem.
5. Which object or objects surprised you? _____

Evaluate

1. Take a look at the metal objects around the classroom. Use the bar magnet to test the metal items. Which items contain iron and which items do not contain iron? How do you know?

Fictional Text Integration: Magnet Max

1. Why is Nick sad when they test a shoe, a ball, a plant, and a doll? Use evidence to support your answer. _____

2. Do you think the comb will stick to the magnet? Explain your answer.

3. Summarize the story using specific details from the text.
