



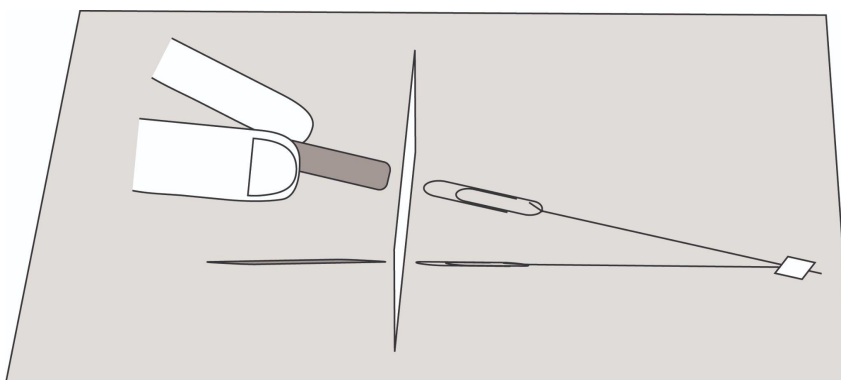
Magnetic Force: Student Activity Sheet

Name: _____ Date: _____

Explore

Part 2: Blocking the Magnetic Force

1. While holding the magnet and the paper clip is floating, use your other hand to place the index card between the paper clip and the magnet. **DO NOT TOUCH** the paper clip or the magnet.



2. Describe what you notice. _____

3. Put the magnet to the side and observe your test materials: fuzzy craft stem, aluminum foil, paper clip, small washer, and penny.
4. Predict which test objects will and will not block the magnets' force.

Test Object	Prediction	Result
Index Card		Did not break the force.
Fuzzy Craft Stem		
Aluminum Foil		
Paper Clip		
Small Washer		
Penny		

5. Set up your floating paper clip, test each object, and record your results above.
6. Compare your results to your predictions. _____

Explain

1. Which materials contain iron? Provide evidence for your claim. _____
2. What are two things that have a magnetic field according to the text?

3. What is the main idea of the text? Use evidence from the text to support your answer.

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

Elaborate

Part 3: Bar Magnets Exploration

In this activity you will need to work with a partner. You will both use your bar magnet.

1. With your partner, experiment with the two bar magnets. What do you notice?

2. One force the magnets produce is a **pull**. The magnets are “**attracted**” to each other.
Arrange your two magnets to demonstrate a pull force.
3. Draw your magnets below. Include the letters on the ends of the magnets.

What do you notice about the letters? _____

4. Another force the magnets can produce is a **push**. The word “**repel**” describes the pushing between the magnets. Arrange your two magnets to demonstrate a push force.
5. Draw your magnets below. Include the letters on the ends of the magnets.

What do you notice about the letters? _____

Evaluate

1. Explain how two magnets can be attracted to each other and how two magnets can repel each other. _____

Fictional Text Integration: The Shivers in the Fridge

1. How do you think the Shivers felt about Papa being captured? Use text evidence to support your answer.

2. When is the climax of the story? _____

3. Give three character traits of Sonny Shiver.

4. What are The Shivers? Use text evidence to support your answer.
