

Magnetism Science Activity

To begin you will need: a magnet from your refrigerator (preferably a stronger/larger one) and an assortment of smaller household items such as: paper clips, bobby pins, penny, key, bolt, spoon, button, rock, or bottlecap.

1 **Make observations: Use sight, smell, touch, hearing, and taste.** Using the assortment of items you collected, use your senses to observe them. **These are my observations:**

Need some support? Try using these prompts: What does this object smell like? What does this object feel like? What color is this object?

2 **Ask questions: Form questions about the experiment.** **These are my questions:**

Need some support? Try using these prompts: What kinds of questions do you have? What are you curious about?

3 **Form a hypothesis: Make predictions to the questions you asked.** Using the magnetism activity worksheet, sort the items you think will be magnetic into the left column and the items you think will be non-magnetic into the right column. **This is my hypothesis (or prediction):**

Need some support? Try using these prompts: Which things do you think will stick to the magnet? Let's put those on the left. And the things that are leftover, those you think will fall off the magnetic, or be non-magnetic? Let's put those on the right.

4 **Test your hypothesis: It is time to begin your experiment!**

Now that you have a hypothesis (or prediction), let's test it! Press the magnet against each item, testing to see if the object is attracted to it, meaning it is magnetic, or if the item falls away and there is no attraction, meaning it is non-magnetic. After you test each item place it into the correct column.

5 **Record the results: You can take a picture, draw, or even videotape what happened. I recorded my results by (or use the back of this paper to write or draw):**

Need some support? Try using these prompts: Let's take a picture of your paper now that you have sorted all the items. Would you like to draw a picture of each item in the correct column?

6 **Share the results: Use your recordings or simply talk with others. I plan to share or (or have shared) my results by:**

Need some support? Try using these prompts: Would you like to share your picture we took with your brother later? You can show him which items stuck to the magnet and which items did not. Do you remember what we call an item that doesn't stick to a magnet?

Name: _____

Magnetism

Sort the magnetic items into the left column and the non-magnetic items into the right column.



Magnetic



Non-Magnetic

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