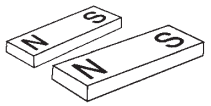
Name _____

Date _____

Investigate Log

How Magnets Work

Materials



2 bar magnets

1. **Hypothesize** what will happen when you bring together the ends of two magnets.

   Accept reasonable hypotheses.

2. Use the chart below to record your observations.

Do the Ends Attract or Repel?	
Ends	**Attract or Repel**
N end and S end	attract
N end and N end	repel
S end and S end	repel

3. Bring the N end of one magnet toward the S end of the other one. Record what you observe. Repeat, using the two N ends and then the two S ends.

   Was your **hypothesis** correct? Answers will vary.

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Name _____

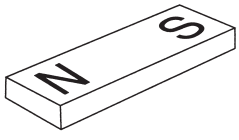
Investigate Log

Independent Inquiry

When you hypothesize, you make a statement you can test. Hypothesize how a paper clip will interact with a magnet.

Materials

Here are some materials you might use. Show other materials you need.



magnet



paper clips

1. Hypothesize what will happen when a magnet touches a paper clip.

   Possible answer: The paper clip will stick to the magnet.

2. Touch the end of the magnet to the paper clip. What happens?

   Possible answer: The paper clip sticks to the magnet.

3. Was your hypothesis correct? Answers will vary.

4. Try to make a paper clip chain using the magnet and the paper clips. What do you observe? Possible answer: The magnet makes the paper clips stick to each other.

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