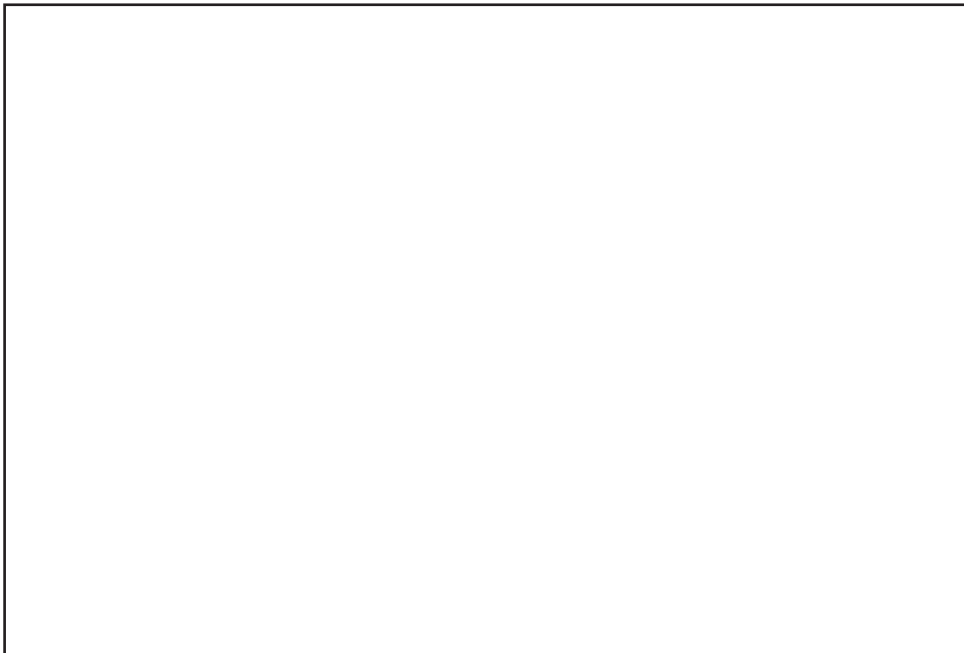


Name _____

Filing Patterns

Steps

- 1. Safety:** Wear goggles! Place filings on top of a bar magnet.
- 2. Observe** Look at the pattern that the filings make. Write or draw what you see.



- 3. Record Data** Move the filings around on top of the magnet. Record what you see.

Name _____

4. **Predict** Tell what you think you will see if you move the filings again. Test your prediction.

Think and Share

1. **Infer** Why does the pattern change when you move the filings?

2. **Compare** Which part of the magnet attracted most of the filings? Tell why.

Ask Questions

Guided Inquiry

Finish this question. How would the pattern look if I used a _____ magnet? **Work together** with a partner to find out.