



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. Draw what you see.

A large, empty rectangular box with a black border, intended for the student to draw the pattern of filings.

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

A large, empty rectangular box with a black border, intended for the student to draw the pattern of filings.

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

Name _____

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.