

3.1 Investigation Questions Investigating Electric Charges

How I Am Being Assessed _____

Making Connections

1. From your observations, what can you say about what happens when charged objects are brought close to uncharged objects?

2. Describe a test that you could perform to determine whether an object is charged or uncharged.

3. How does an anti-static dryer sheet work? Explain it in terms of electric charges.

4. Why do people get shocks after they drag their feet on a rug? Explain it in terms of electric charges.

Reflecting

5. Record in the chart below three different situations in which you have experienced the effects of static electricity. Beside each, write down what pairs of materials you think might be responsible for producing static electricity.

Static electricity example	Materials responsible