

## LESSON 3

Objective Students will be able to define conductor and insulator and give three examples of each.

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Materials Needed Classroom Photocopies of Activity No. 6  
Teacher Background—Safety

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Procedure

1. Using the teacher background, explain to students that a conductor is a material through which electricity flows easily. Examples of conductors are metal, water and people. An insulator is a material that will not allow electricity to flow through easily. Examples of insulators are rubber, glass and plastic.
2. Ask students to look around the classroom and give examples of conductors and insulators. Ask students if there are more conductors or more insulators in the classroom.
3. Distribute and have students complete Activity No. 6.

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Additional Activities

1. Have students fold a sheet of paper into eighths. Draw four insulators on the top row and four conductors on the bottom row. Have students cut out the eight squares and mix them. Then have students trade the eight squares with a partner and sort the objects as either conductors or insulators. Have students discuss with partner their arrangements of conductors and insulators.