

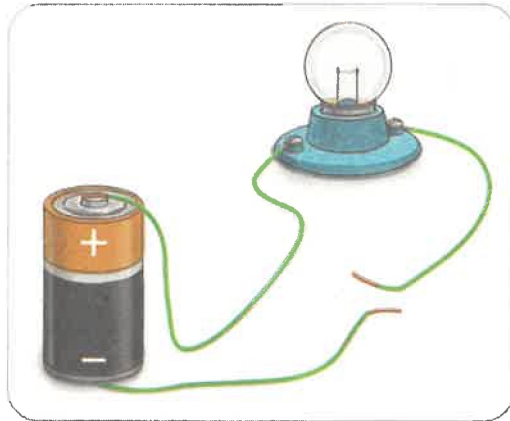


## Lesson Review

### Conductors and Insulators



1. This illustration shows a light bulb and battery with wires. One of the wires has been cut, so there is a gap.



Sam says that any material can be used in the gap to make the bulb light up. Do you agree? Explain. **SC.5.P.11.2**

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2. What is the function of a conductor in electricity? **SC.5.P.11.2**

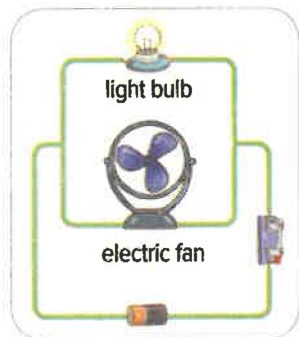
- ☐ A. to allow electricity to easily flow
- ☐ B. to slow down the flow of electricity
- ☐ C. to prevent electricity from flowing
- ☐ D. to convert electricity into another form of energy

3. An electrician is making a box that needs to be an insulator of electricity. What materials could she consider using for the box? Explain. **SC.5.P.11.2**

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4. The electrical circuit shown here connects two devices to the same battery. How is electric energy being transformed in this circuit? SC.5.P.10.4



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5. These illustrations show both a toaster and an electric blanket that run on electricity.



How are the electrical circuits similar in the two devices? SC.5.P.10.4

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