

Slow Heat Blockers Review

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Understanding Insulators

Name: _____

Date: _____

Answer the following questions about insulators and heat transfer.

1. An insulator is a material that ___ down or blocks heat movement.

2. Which of the following is NOT an example of an insulator?

- A. Wool
- B. Plastic
- C. Metal

3. What might happen if we didn't have insulators?

4. Insulators can help keep things warm.

- True False

5. Examples of insulators include ____, plastic, and wood.

6. Which spoon let heat move most slowly?

- A. Metal spoon
- B. Wooden spoon
- C. Plastic spoon

7. Where do you see insulators in our home?

8. God's word is like an insulator that protects us.

- True False

9. Insulators protect by reducing heat transfer through ___ structure.

10. What does an insulator do?

- A. Makes things hot
- B. Blocks heat
- C. Conducts electricity

Answer Key

1. slows 2. Metal 3. We could get too hot or too cold. 4. True 5. wool 6. Wooden spoon 7. In oven mitts or around pipes. 8. True 9. molecular 10. Blocks heat