

HEAT AND TEMPERATURE

Activity 7

GOOD AND POOR CONDUCTORS OF HEAT.

Read the questions. Put a tick (✓) beside the correct answer(s).

a. Which of the following explains why a metal spoon feels cold to the touch?

| | |
|--|--------------------------|
| Metal is a cold material. | <input type="checkbox"/> |
| Our fingers lose heat to the surrounding air. | <input type="checkbox"/> |
| The coldness from the metal travels to our fingers. | <input type="checkbox"/> |
| The metal spoon is able to conduct heat away from our fingers. | <input type="checkbox"/> |

b. During the winter season, Tom puts on his winter jacket to keep himself warm. Why is his jacket able to keep him warm?

| | |
|---|--------------------------|
| His jacket prevents cold air from entering his body. | <input type="checkbox"/> |
| His jacket provides extra warmth for his body. | <input type="checkbox"/> |
| As the air in his jacket is a poor conductor of heat, it reduces heat loss from his body. | <input type="checkbox"/> |
| His jacket is able to absorb heat from his body. | <input type="checkbox"/> |

Study the classification chart below and fill in the blanks with the correct words. Use the words in the box below to help you.

| | | | |
|--------|------|--------|---------|
| Copper | Good | Liquid | Plastic |
| Gas | Poor | Silver | Wood |

