

LESSON 2. HOW DOES THERMAL ENERGY TRAVEL THROUGH OBJECTS?

1. Complete the sentence with the correct word.

A thermal conductor Conduction A thermal insulator Convection

- a) _____ occurs when two objects are in contact, this thermal energy is transferred from one object to the other.
- b) _____ occurs when thermal energy travels through a gas or through liquid.
- c) _____ is a material that transfers thermal energy easily.
- d) _____ doesn't transfer thermal energy easily.

2. Order the words to form correct sentences.

- a) From is transferred thermal pot to energy the cooker the.

- b) Convection energy liquid by travels or gas through thermal through a.

- c) Transferred Earth energy Sun the thermal from is radiation by the to.

- d) Insulators thermal called don't that materials easily transfer energy are.

3. Choose the correct word.

radiation conduction convection

- a) Solids in contact with one another, and in contact with liquids transfer energy by _____.
- b) Energy rising up then going around and down, in gases and liquids, uses _____.
- c) Energy is transferred from the Sun to the Earth by _____.