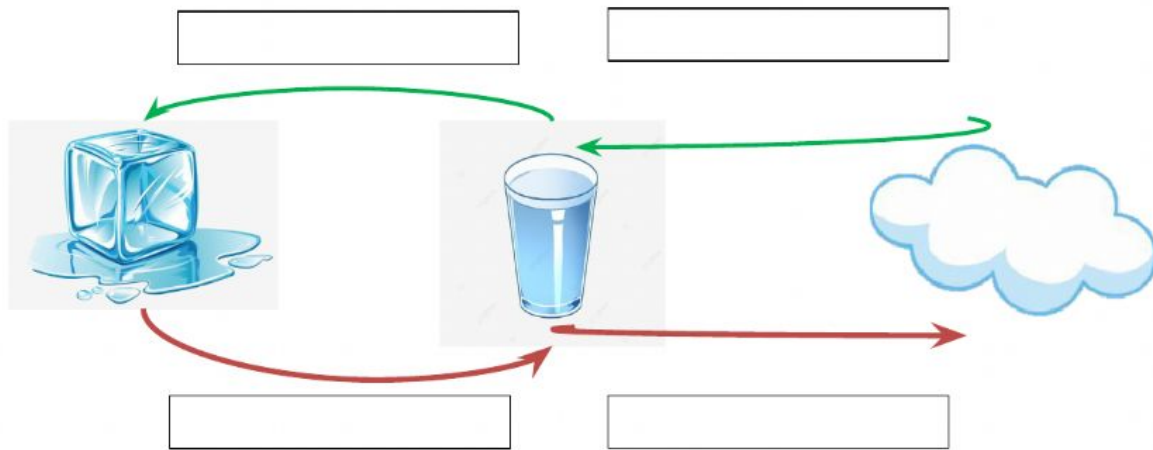


# NATURAL SCIENCE. LIGHT AND HEAT.

1. Link:



Condensation

Melting

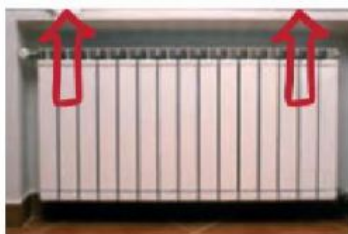
Solidification

Evaporation

2. Write *conduction*, *convection* or *radiation* where it is needed:



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

**3. Complete the definitions. Use the following words:**

molecules

heat

conduction

convection

insulators

electromagnetic

temperature

thermal energy

conductors

- a. \_\_\_\_\_ is the transfer of thermal energy.
- b. In conduction, the \_\_\_\_\_ in the hotter object are moving faster, and have more thermal energy.
- c. \_\_\_\_\_ is a form of energy that is transferred by heat.
- d. When two objects are in contact, they are heated by \_\_\_\_\_.
- e. \_\_\_\_\_ is the amount of thermal energy in an object.
- f. Heat can be transferred through empty space by \_\_\_\_\_ waves.
- g. \_\_\_\_\_ don't transfer thermal energy.
- h. \_\_\_\_\_ transfer thermal energy.
- i. Heat travels through a gas or through a liquid by \_\_\_\_\_.

**4. Read and put a cross in the correct box:**

State	Melting	Evaporation	Expansion	Chemical changes
Liquid changes to gas				
Solid changes to liquid				
Cooking food				
Gases that receive thermal energy				