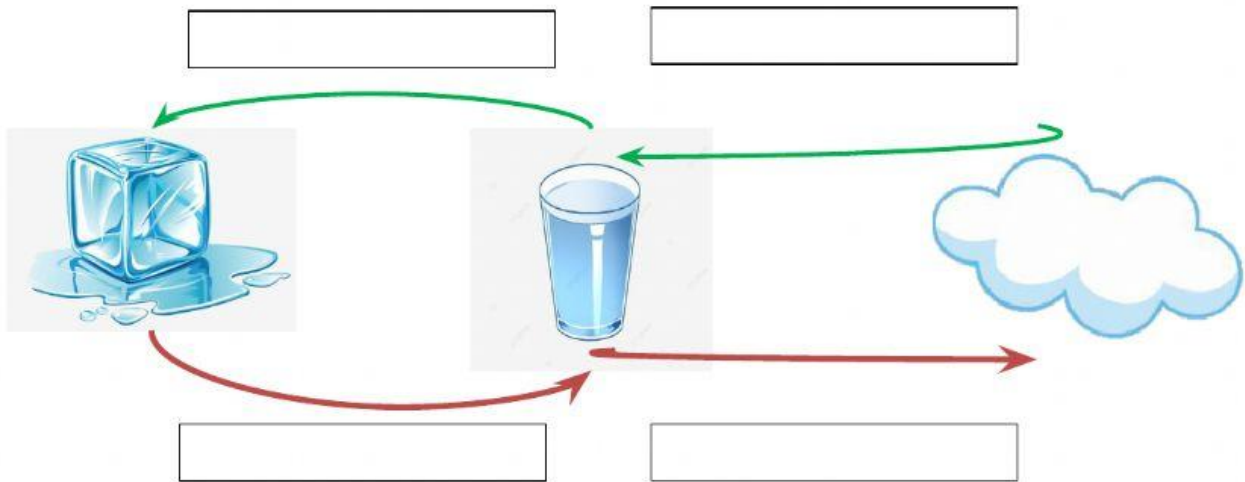


NATURAL SCIENCE. LIGHT AND HEAT.

1. Link:



Condensation

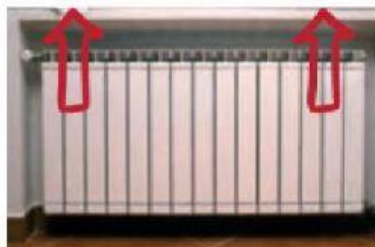
Melting

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				