

Mind map

1 Complete the mind map.

ENERGY

FORMS OF ENERGY

PROPERTIES

NON-RENEWABLE ENERGY SOURCES

RENEWABLE ENERGY SOURCES

OTHER FORMS OF ENERGY

energy comes from certain minerals, like uranium.

energy is associated with the motion and position of an object.

energy is stored substances, like food, batteries and fuel.

HEAT

is the transfer of energy between two bodies which have different temperatures.

The effects of heat on matter:

Changes in

Changes in

Heat always travels from the warmer body to the colder one:

Heat travels quickly through good

Materials that do conduct heat are

LIGHT

is a form of energy. It travels in a straight line, in all directions and at great speed.

Light sources:

We classify materials as:

SOUND

is produced by the vibration of bodies.

Qualities of sound:

ELECTRICITY

is the energy that is associated with the presence and motion of a fundamental property of matter called electrical charge.

Electrical charge can be:

 or

Two bodies with the same electrical charge

each other.

Two bodies with different types of electrical charge

Electrical current is formed when electric charge moves: