



TYPES OF ENERGY



1. Match the definitions to the types of energy.

sound energy

It's stored inside matter and released by a chemical reaction.

mechanical energy

It comes from the nucleus of the atom.

chemical energy

It's produced by moving electric charges (electrons).

luminous energy

It's produced by the rise of temperature in an object.

thermal energy

It's the sum of potential and kinetic energy, and it's associated to movement and position.

nuclear energy

It's transmitted through waves when there is a vibration.

electrical energy

It's produced by sources of light.

2. Choose the correct type of energy for each example.

Baking a cake in the oven. When the heat of the oven is transferred to the cake so that it cooks.

chemical

thermal

During photosynthesis, plants use the energy from the Sun to obtain their nutrients.

electrical

luminous

Uranium is used to produce electrical energy in a power plant.

nuclear

mechanical

When we digest food, we transform their energy to obtain nutrients.

chemical

electrical

Lightning happens when electricity is released into the atmosphere.

sound

electrical