

Energy Transformation

Energy _____ disappears. It can be _____ from one type of energy into another, but it doesn't disappear completely.

Some common energy transformations:

1. Chemical energy

Planes and cars transform the chemical energy in f_____ and p_____ into m_____ energy and t_____ energy.

We fill our cars with p_____, which contains c_____ energy that is then transformed into m_____ by the engine.

We also transform chemical energy into h_____ and m_____ when we eat. The f_____ we eat contains chemical energy and our m_____ and o_____ transform the energy into heat and movement.

2. Electrical energy

Washing machines, fans and electric drills transform electrical energy in to k_____ and t_____ energy. We connect these machines to the power supply and the energy is transformed into m_____ and h_____.

A washing machine transforms electrical energy into m_____ energy to spin clothes around.

3. Light energy

S_____ panels transform light energy from the Sun into e_____ energy.

The solar panels on street_____ receive l_____ energy. When it gets dark, the street_____ switch on.

4. Energy in food

The c_____ energy stored in food and drink is measured in c_____. The more c_____ in food, the more e_____ it contains.