

# 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.