

Forms of Energy

4th Grade

Six kinds of energy, and the rule that they only ever change form.

Energy is never made or destroyed. It only changes from one form into another.

Form	What it is	Where
Light	energy you can see	the Sun, a lamp
Heat	energy of moving particles	a fire, a radiator
Sound	energy of vibrations	a drum, a voice
Electrical	energy of moving charge	a plug, a battery
Chemical	energy stored in substances	food, fuel, batteries
Motion	energy of anything moving	a rolling ball

A torch turns chemical into electrical into light — and some heat, always some heat.