

Energy Transformation Worksheet

Identify the different types of energy transformation in each of the pictures

Windmill



Energy Transformation:

Flashlight



Energy Transformation:

Microwave



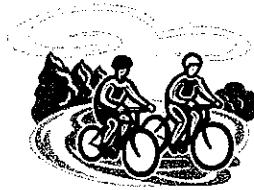
Energy Transformation:

Firecracker



Energy Transformation:

Bicycle



Energy Transformation:

Battery



Energy Transformation:

Give an example where the following energy changes would take place:

Electrical to Thermal

Chemical to Thermal

Electrical to Mechanical

Name: _____ Sect. _____

Worksheet: Recognizing Energy Conversions

In class we discussed the **Law of Conservation of Energy**. We also discussed energy transformations. Study each of these pictures or sentences and tell what kind of energy transformation it illustrates.



example:
plants growing - - - - light energy

changed into

chemical energy

forms of electromagnetic



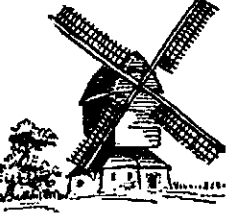

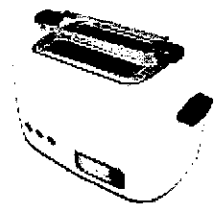
- electrical energy
- heat energy
- light energy
- microwaves
- X-rays
- radio and TV waves
- ultraviolet energy

forms of mechanical energy

- kinetic energy (energy of motion)
- sound
- wind

other forms of energy

- nuclear energy
- potential energy (energy of position)
- chemical energy
- potential energy (elastic)

	a power drill
	a person rowing a boat
	a wind mill
	a hammer pounding in a nail
	a toaster