

ENERGY TRANSFORMATIONS

from ↓ to → physics into	mechanical	gravitational	elastic	heat	electric & magnetic	electromagnetic radiation	chemical	nuclear
	mechanical							
	gravitational							
	elastic							
	heat							
	electric & magnetic							
	electro- magnetic radiation							
	chemical							
	nuclear							

Identify a device, event, phenomenon, or process whereby one form of energy is transformed into another.

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physics into	from ↓ to →	mechanical	gravitational	elastic	heat	electric & magnetic	electromagnetic radiation	chemical	nuclear
	mechanical	gears, elastic collisions	lob, pop fly, pendulum	inflating a balloon, wishbone	brakes, inelastic collisions	generator, microphone	x-ray tube, flint		
	gravitational	free fall, rivers, pendulum	one period of a pendulum or satellite orbit	trampoline, pogo stick	contraction of a protostar	hydroelectricity			formation of a neutron star
	elastic	wishbone, wristwatch, bow & arrow	trampoline, pogo stick, toaster	newton's balls	bicycle pump, refrigerator compressor	piezoelectric effect	piezoluminescence		
	heat	radiometer, ocean currents, wind, heat engines	popcorn, convection, hot air balloon	bimetallic strip, contracted rubber band		thermoelectric effect, thermionic emission	incandescence, red hot objects	cold packs, endothermic reactions	
	electric & magnetic	thunder, motor, loudspeaker	elevator	electrostriction, magnetostriction	electric heater, toaster	transformer	LED, radio transmitter, light bulb	rechargeable batteries, electrolysis, electroplating	
	electro- magnetic radiation	photoelectric effect	microwave popcorn		microave oven, solar collector	electric eye, solar cell	fluorescence	photosynthesis, photography, sunburn	
	chemical	dynamite, muscle action	rocket	airbags	hot packs, combustion, exothermic reactions	fuel cells, batteries	fireflies, glow sticks, luminescence	glycolosis	
	nuclear	fission, radioactive decay	nuclear propulsion		nuclear pile	nuclear power plant	stars		breeder reactor

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