

Energy Transformations Answer Key

Example	Input energy	Output Energy
Photosynthesis	Radiant	Chemical
Speaker	Electrical If you plug it in / Chemical if battery powered	Mechanical
Solar panels	radiant	Electrical
Fan	Electrical, If you plug it in / Chemical, if battery powered	Mechanical
Clothes Iron	Electrical	Thermal
Gas powered car	chemical	mechanical
Electric powered car	electrical	mechanical
Batteries	chemical	mechanical
Digesting food	chemical	mechanical
TV	electrical	mechanical
Wind Turbine	mechanical	electrical
Gas Stove	electrical	thermal
Lightning	electrical	radiant
Steam	thermal	mechanical

Charging Cell Phone	electrical	chemical
Burning Wood	chemical	thermal
Rubbing hands together	mechanical	thermal
Rocket	Chemical	mechanical
Sun	nuclear	Radiant
Nuclear Reactor	nuclear	Electrical
Playing Guitar	chemical	Mechanical
Toaster	electrical	thermal
Flashlight	chemical	radiant
Running	chemical	mechanical
Power generator	electrical	mechanical
Geothermal Power Station	Thermal	Electrical
Electric Mixer	electrical	mechanical
Sparklers	chemical	radiant/ thermal
Hair Dryer	electrical	thermal
Curling Iron	electrical	Thermal