

Energy Transfer Scavenger Hunt - Teacher Key



Energy Transfer Type	Examples Students Might Find
Electrical → Heat	Warm laptop, projector or other electronic device, 3D printer bed, pencil sharpener
Electrical → Light	Classroom lights, flashlights, LED lights, screen displays
Mechanical → Sound	Squeaky door hinge, pencil sharpener, whirling fan blades, piano key
Chemical → Thermal	Battery pack warming up, hand warmers, digestion
Light → Electrical	Solar powered clock/device, light sensor triggering a response (ex. Lego Spike)
Gravitational → Kinetic	Water wheel turning, pendulum swinging, marble rolling down ramp, book falling off shelf
Mechanical → Electrical	Hand-crank generator
Thermal → Kinetic/Mechanical	Steam engine model, radiometer spinning in sunlight, Heat-powered wood stove fan
Mechanical → Thermal	Pencil sharpener heating the pencil tip