

Energy Transfer

1. Sketch a Sankey (energy transfer) diagram for each of the devices below:
 - a. TV
 - b. Battery
 - c. Light Bulb
 - d. Spring
 - e. Car
 - f. Guitar
 - g. Electric Fire
 - h. Sledge (going down a hill)
2. Name a device that is designed to complete the following energy transfers:
 - a. Electrical to sound
 - b. Chemical to heat
 - c. Elastic Potential to kinetic
 - d. Gravitational potential to kinetic
 - e. Sound to electrical
 - f. Chemical to kinetic
 - g. Kinetic to electrical
 - h. Chemical to light