



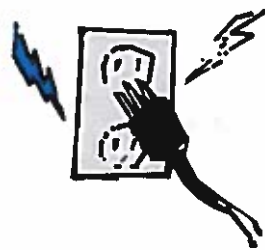


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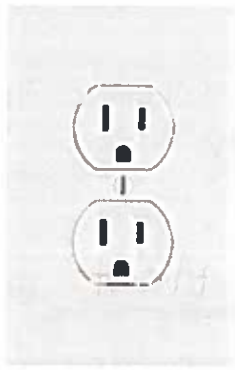
S.4.2.1 and S.4.2.4 Study Guide

Write the four **types** of energy below and fill in the missing words in their definitions. Then copy the picture from the choices that best represents each type of energy.

<u>Electrical</u> Energy	<u>Light</u> Energy	<u>Sound</u> Energy	<u>Heat</u> Energy
<p>Movement of <u>charged</u> particles.</p> <p>(HINT: Many times it travels through wires)</p>	<p><u>electromagnetic</u> energy that travels in waves.</p> <p>(HINT: The sun is a great source of this energy)</p>	<p>Movement of energy through substances in <u>waves</u>.</p> <p>(HINT: vibrations)</p>	<p>Movement of tiny <u>particles</u> in matter.</p> <p>(HINT: the warmer it is, the faster the particles move)</p>
			



Label the different types of energies that take place between these transformations.



electrical
energy



transformation



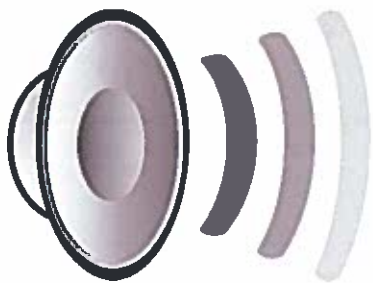
heat
energy



electrical
energy



transformation



sound
energy



light
energy

transformation



electrical
energy