

Lesson 5.3 Energy Scenario Cards

<p style="text-align: center;"><i>Scenario Card 1</i></p> <p>Energy Use: Turning the lights on</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"><i>1. Why is this an energy use?</i><i>2. What is the source of this energy?</i><i>3. How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 2</i></p> <p>Energy Use: Buying a hamburger to eat</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"><i>1. Why is this an energy use?</i><i>2. What is the source of this energy?</i><i>3. How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>
<p style="text-align: center;"><i>Scenario Card 3</i></p> <p>Energy Use: Riding in a bus (which burns gasoline)</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"><i>1. Why is this an energy use?</i><i>2. What is the source of this energy?</i><i>3. How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 4</i></p> <p>Energy Use: Buying a salad to eat</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"><i>1. Why is this an energy use?</i><i>2. What is the source of this energy?</i><i>3. How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>

<p style="text-align: center;"><i>Scenario Card 5</i></p> <p>Energy Use: Drying clothes in a dryer</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 6</i></p> <p>Energy Use: Washing clothes in a washing machine.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>
<p style="text-align: center;"><i>Scenario Card 7</i></p> <p>Energy Use: Washing dishes in hot water</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 8</i></p> <p>Energy Use: Buying a pizza to eat</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>

<p style="text-align: center;"><i>Scenario Card 9</i></p> <p>Energy Use: Buying a bottle of water.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 10</i></p> <p>Energy Use: Using the air conditioning.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>
<p style="text-align: center;"><i>Scenario Card 11</i></p> <p>Energy Use: Using a gas stove.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 12</i></p> <p>Energy Use: Using an electric stove.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool. .</i></p>

<p style="text-align: center;"><i>Scenario Card 13</i></p> <p>Energy Use: Taking a hot shower.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 14</i></p> <p>Energy Use: Riding a bike.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>
<p style="text-align: center;"><i>Scenario Card 15</i></p> <p>Energy Use: Flying in an airplane.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 16</i></p> <p>Energy Use: Eating a chicken sandwich.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool. .</i></p>

<p style="text-align: center;"><i>Scenario Card 17</i></p> <p>Energy Use: Charging a cell phone.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 18</i></p> <p>Energy Use: Burning wood in a fireplace.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>
<p style="text-align: center;"><i>Scenario Card 19</i></p> <p>Energy Use: Walking.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 20</i></p> <p>Energy Use: Turning the heat on in winter.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>

<p style="text-align: center;"><i>Scenario Card 21</i></p> <p>Energy Use: Mowing a lawn.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 22</i></p> <p>Energy Use: Feeding a pet.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>
<p style="text-align: center;"><i>Scenario Card 23</i></p> <p>Energy Use: Drinking milk.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>	<p style="text-align: center;"><i>Scenario Card 24</i></p> <p>Energy Use: Playing basketball.</p> <p><i>As a group, your job is to answer 3 questions:</i></p> <ol style="list-style-type: none"> 1. <i>Why is this an energy use?</i> 2. <i>What is the source of this energy?</i> 3. <i>How do carbon atoms move as a result of this?</i> <p><i>Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.</i></p>