## Lesson 5.3 Energy Scenario Cards

<table>
<thead>
<tr>
<th>Scenario Card 1</th>
<th>Scenario Card 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Energy Use</strong>: Turning the lights on</td>
<td><strong>Energy Use</strong>: Buying a hamburger to eat</td>
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<tr>
<td>As a group, your job is to answer 3 questions:</td>
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<td><strong>Energy Use</strong>: Riding in a bus (which burns gasoline)</td>
<td><strong>Energy Use</strong>: Buying a salad to eat</td>
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### Scenario Card 5
**Energy Use:** Drying clothes in a dryer

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

### Scenario Card 6
**Energy Use:** Washing clothes in a washing machine.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

### Scenario Card 7
**Energy Use:** Washing dishes in hot water

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

### Scenario Card 8
**Energy Use:** Buying a pizza to eat

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.
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<td><strong>Energy Use:</strong> Buying a bottle of water.</td>
<td><strong>Energy Use:</strong> Using the air conditioning.</td>
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<td><strong>Energy Use:</strong> Using a gas stove.</td>
<td><strong>Energy Use:</strong> Using an electric stove.</td>
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**Scenario Card 13**

**Energy Use:** Taking a hot shower.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

**Scenario Card 14**

**Energy Use:** Riding a bike.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

**Scenario Card 15**

**Energy Use:** Flying in an airplane.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

**Scenario Card 16**

**Energy Use:** Eating a chicken sandwich.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.
### Scenario Card 17

**Energy Use:** Charging a cell phone.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

### Scenario Card 18

**Energy Use:** Burning wood in a fireplace.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

### Scenario Card 19

**Energy Use:** Walking.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

### Scenario Card 20

**Energy Use:** Turning the heat on in winter.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.
### Scenario Card 21
**Energy Use:** Mowing a lawn.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

### Scenario Card 22
**Energy Use:** Feeding a pet.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

### Scenario Card 23
**Energy Use:** Drinking milk.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.

### Scenario Card 24
**Energy Use:** Playing basketball.

As a group, your job is to answer 3 questions:

1. Why is this an energy use?
2. What is the source of this energy?
3. How do carbon atoms move as a result of this?

Remember: your story must follow the rule: Carbon Cycles! If carbon leaves one pool, it must enter another pool.