Title: Human Food Web

Objective:
- Students will identify and list foods he or she consumes and will then identify each item as a link in a food web or energy pyramid.
- Students will construct an energy pyramid with this information showing the food and human relationships.

Materials:
- Pen/pencil
- Ruler
- Student worksheet

Background Knowledge:
- By studying plants and animals in other communities, students are not aware that they are consumers in a food chain or energy pyramid as well.
- This activity asks the students to examine the food they eat, and thus look at their position as a link in an energy pyramid.

Procedures:
1. Distribute Student Worksheet. Review with students the parts of an energy pyramid.
2. Students should discuss their positions as consumers (omnivore, carnivore, herbivore).
3. Students should then follow the directions on their worksheets. You might have to help them determine what some foods actually are since they have been processed (i.e. bread comes from wheat).
4. Most students will be at the top of the energy pyramid. Some students are only vegetarians; therefore, those pyramids may not have items at each level.
5. You might wish to take this activity further and have students construct a food web for themselves. This could be used as an art activity as well.
You have already discussed the parts of an energy pyramid. In this activity, you will think about the food you eat. You will create a food chain that includes you and your own menu.

1. Choose your favorite meal. Write the name of each food you ate on a separate line in the chart below. Make sure you include all the items from your menu. Complete only the menu column.

### YOUR ENERGY PYRAMID

<table>
<thead>
<tr>
<th>Menu</th>
<th>Food chain link</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item #1</td>
<td></td>
</tr>
<tr>
<td>Item #2</td>
<td></td>
</tr>
<tr>
<td>Item #3</td>
<td></td>
</tr>
<tr>
<td>Item #4</td>
<td></td>
</tr>
<tr>
<td>Item #5</td>
<td></td>
</tr>
<tr>
<td>Item #6</td>
<td></td>
</tr>
<tr>
<td>Item #7</td>
<td></td>
</tr>
<tr>
<td>Item #8</td>
<td></td>
</tr>
<tr>
<td>Item #9</td>
<td></td>
</tr>
<tr>
<td>Item #10</td>
<td></td>
</tr>
</tbody>
</table>

2. Review these parts of the energy pyramid.

3. Look at each item on your food list and decide which type of link it represents. For example:
   - Bread is made of wheat, a plant = producer
   - Hamburger is meat, a cow = herbivore
   - Return to the chart and complete the food chain link column.
4. Draw a triangle below. Put the name of each food item in its proper section of the triangle.

**Critical Thinking:**

1. Does your list contain any scavengers or decomposers? Who are they?

2. Who is the omnivore?

3. Don’t forget the sun.

4. Try this activity with another meal you ate. Do you have any empty spaces in your triangle? What does that signify?