Show Me the Energy!

Directions: Copy the Graphing Materials below and to the right onto card stock. You may choose to color the pictures and laminate the cards for durability and future use. Prepare a graph using a pocket chart. Position the title and row headings. Reserve column headings until step 2 of the procedure.

- Bagel
- Cream Cheese
- Apple
- Orange Juice
- Sun
- Store
- Factory
- Plants
- Animals
- Farm

Note: Full sheets of Graphing Squares are available at www.projectwild.org/GrowingUpWILD.htm.

Note: The Water and Soil cards below are additional column headers that children may name when you conduct the activity. Use these and the other cards (including those you make yourself) only if and when the children bring them up as a source of a food item. If a pocket chart is not available, create a graph on a wall, magnetic board or flannel board. Apply tape, magnets or Velcro to the backs of materials to match your graphing medium.

Sample Playground Food Chain

- Sun
- Store
- Factory
- Plants
- Animals
- Farm
- Water
- Soil

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### Graphing Materials

<table>
<thead>
<tr>
<th>Food Item</th>
<th>Graphing Squares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bagel</td>
<td></td>
</tr>
<tr>
<td>Cream Cheese</td>
<td></td>
</tr>
<tr>
<td>Apple</td>
<td></td>
</tr>
<tr>
<td>Orange Juice</td>
<td></td>
</tr>
<tr>
<td>Sun</td>
<td></td>
</tr>
<tr>
<td>Store</td>
<td></td>
</tr>
<tr>
<td>Factory</td>
<td></td>
</tr>
<tr>
<td>Plants</td>
<td></td>
</tr>
<tr>
<td>Animals</td>
<td></td>
</tr>
<tr>
<td>Farm</td>
<td></td>
</tr>
</tbody>
</table>

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**Sample Playground Food Chain**

- Sun
- Water
- Soil
- Plants
- Animals
- Factory
- Store
- Bags
- Cream Cheese
- Orange Juice
- Apple
- Bagel

**Note:** The Water and Soil cards below are additional column headers that children may name when you conduct the activity. Use these and the other cards (including those you make yourself) only if and when the children bring them up as a source of a food item.

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