Sunshine for Life

Background Information
Photosynthesis: the process by which green plants and some other organisms use sunlight to synthesize foods from carbon dioxide and water. Photosynthesis in plants generally involves the green pigment chlorophyll and generates oxygen as a byproduct. This process takes place in the leaves. (dictionary.com)

Procedure
• As a group, you will create a model to explain and/or demonstrate the process of photosynthesis.
• You may choose to make a poster, write a song, make up motions, role play, or come up with your own idea and share it with the teacher for approval.
• You will present your final model to the class.
• Be sure to include all the parts of photosynthesis underlined in the background information above.
• As a group, begin brainstorming your ideas in the space below. Be prepared to explain your plan to the teacher.

Brainstorming

Presentations
• As you listen to each group present check off each ‘ingredient’ (vocabulary word) for photosynthesis as they mention it.
• In the space provided, write one thing you liked about the groups presentation.
• Some things/suggestions you might mention in the comment section are (remember to be kind and positive):
  o Look/looked at audience
  o Speak louder/spoke too loud
  o Group was well prepared
# Sunshine for Life: Group Presentation Rubric

**Group name:** __________________________________

**Your Name:** __________________

<table>
<thead>
<tr>
<th>Organization</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials are not neat &amp; are not easy to understand.</td>
<td>Some materials are neat &amp; most are easy to understand.</td>
<td>Most materials are neat &amp; some are easy to understand.</td>
<td>All materials are neat and easy to understand.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Teamwork</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Few members made contributions to the project.</td>
<td>Some members made contributions to the project.</td>
<td>Most members made contributions to the project.</td>
<td>Each member made contributions to the project.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Presentation</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information is presented with unclear knowledge &amp; creativity.</td>
<td>Information is presented with limited knowledge &amp; creativity.</td>
<td>Information is presented with acceptable knowledge &amp; creativity.</td>
<td>Information is presented with knowledge &amp; creativity.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Content</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2 vocabulary words used</td>
<td>3 vocabulary words used</td>
<td>4-5 vocabulary words used</td>
<td>All 6 vocabulary words used</td>
<td></td>
</tr>
</tbody>
</table>

_Circle the words as you hear the group use it._

- Carbon dioxide (CO₂)
- Water (H₂O)
- Oxygen (O₂)
- Waste
- Sunlight
- Photosynthesis
- Food for plant (glucose)

**One thing I liked about the presentation:**

**Additional comments about the presentation:**

**Total Score:**