Unit 4: Biomass

Lesson 2: Biomass Poster- Teacher’s Guide
Estimated Time for Completion- Approximately 2 class periods
Day 1- Creating posters, Day 2- Presenting Posters

Directions: Access the commodities and products tab on the AgMRC website (http://www.agmrc.org) and find the link to Biomass. Choose one topic under the Biomass heading and create a poster promoting this commodity.

This assignment can be completed individually or in small groups.

There are several ways of constructing posters in your classroom. The following are a couple of examples of how you could get your students to design their posters.

- Hand out poster board and have students design by using various resources.
  - Might be easier for middle school and junior high classes.
- Using computer aided design.
  - Many different programs available (PowerPoint, Publisher, etc.).
  - Better for high school classes.
  - Disadvantage of using this method is printing out the posters.

Presenting posters can also be completed in different fashions. The following are couple examples of how the presentations can be completed.

- Students can present their poster one at a time in front of the whole class.
  - You can have students grade each other’s presentations and ask questions after the presenter is completed.
- Students can present their poster in a symposium format.
  - Half of the class can hang their posters around the room and give a 2-3 minute presentation as their classmates rotate around the room evaluating the posters.
  - Once the first half of class is finished rotate the students from evaluators to presenters.

The following are a few of the items that should be included on your poster. Feel free to add whatever you deem necessary to clearly convey your idea.

1. Title
2. Purpose/objective statement
3. Headings
4. Background of the biomass
5. Use of the biomass
6. Production practices

The goal of this project is not only to make a poster, but it is to make an effective poster that would attract a viewer’s attention. Some tips on how to create an effective poster are to:

1. Have clearly identifiable objectives,
2. Visually portray a carefully crafted idea/product,
3. Be creative in design,
4. Be easily read from a distance of 3 – 4 feet away, and
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5. Utilize clear and concise title/headers.

Errors in a poster can cause loss of viewer’s attention or trust. Some common errors found in posters include:

1. Poor organization,
2. Poor graphics,
3. Objectives that are difficult to identify,
4. Too small of text, and
5. Too much text

Now it’s time to create your own poster. Use whatever materials and resources are available to you. Be sure to check out the AgMRC resource links at the bottom of each page for additional help. Remember to be creative.

<table>
<thead>
<tr>
<th>Factors</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0-9 Points</td>
</tr>
<tr>
<td>Preparation/Organization</td>
<td>Not Acceptable/Acceptable</td>
</tr>
<tr>
<td>Identification of Biomass</td>
<td>Little to no preparation. Does not appear to follow any logical order</td>
</tr>
<tr>
<td>Background</td>
<td>Did not identify biomass background</td>
</tr>
<tr>
<td>Uses of Biomass</td>
<td>Did not mention uses of biomass</td>
</tr>
<tr>
<td>Identification of Production</td>
<td>No production practices were identified</td>
</tr>
<tr>
<td>Practices</td>
<td></td>
</tr>
<tr>
<td>Basic Presentation Skills</td>
<td>Shows improvement in voice projection, gestures, facial expressions, few distracting behaviors, &amp; enthusiasm</td>
</tr>
</tbody>
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Total Points out of 100