Unit 5: Energy

Lesson 8: Ethanol Poster- Teacher’s Guide
Estimated Time for Completion- 2 class days

Student Learning Objectives:
As a result of this lesson the students will…
• Understand the process of making ethanol
• Improve their presentation and communication skills

Directions: Go to the following website: http://www.agmrc.org. Click on the Commodities and Products, energy, ethanol. Use information for the following.

Students will be creating a poster to help educate the public about the importance of ethanol and the process of the production. The poster must be easy to read, yet provide the information needed to get your point across. You will present your poster to the class. This assignment can be completed individually or in small groups.

Students can use one of the following ways to design their posters:
• Poster board
• PowerPoint
• Publisher
• Word

Here are some items to include. Remember that these are items that are required. Make sure you create a neat, organized poster that will grab the viewer’s attention.
• Title
• Background information
• Process of making ethanol
• Uses of ethanol
• How it affects the prices when using ethanol vs. without

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Attractiveness</td>
<td>Beautiful and attractive in every way.</td>
<td>Very nice and attractive.</td>
<td>Partially attractive. Some elements can use improvement.</td>
<td>Not attractive at all. Start over.</td>
</tr>
<tr>
<td>Clarity of Message</td>
<td>Excellently conveys the purpose of the poster with both text and images.</td>
<td>Good conveyance of the purpose of the poster with both text and images.</td>
<td>Partially conveys the purpose of the poster with both text and images.</td>
<td>Does not convey the purpose of the poster with both text and images.</td>
</tr>
<tr>
<td>Readable Text Font</td>
<td>Outstanding in that both the text and the font are readable and very attractive.</td>
<td>Both the text and the font are readable and attractive.</td>
<td>Either the text is not very readable or the font is not attractive in this particular poster.</td>
<td>Both the text is not very readable and the font is not attractive in this particular poster.</td>
</tr>
</tbody>
</table>