**Where’s the Chemistry? – Alternative Fuel Project Grading Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **8** | **6** | **4** | **0** |
| **How is it made?** | Clearly explains how energy is derived from this source. Includes the chemistry of the energy source. | Explains how energy is derived from this source, but doesn’t show all chemistry involved. | Vague explanation with little chemistry. | Does not address the chemistry involved in this energy source. |
| **Resources available to produce and distribute this fuel** | Clearly explains resources required to produce and distribute this fuel. | Explains the resources needed, but lacks some detail. | Vague explanation of the required resources. | No explanation of required resources. |
| **Cost effectiveness** | Clearly and quantitatively shows the cost effectiveness of this fuel. | Some of quantitative explanation of cost effectiveness. | Vague explanation of cost effectiveness. | Cost effectiveness is not addressed. |
| **What will it take to make this energy choice a reality?** | Clearly and accurately explains the obstacles that must be overcome. | Accurately states obstacles, but not clearly explained. | Obstacles mentioned are semi-accurate and poorly explained. | Obstacles are not addressed. |
| **Outline** | Outline clearly summarizes the major points of the presentation. | Missing a few of the major points of the presentation. | Missing most of the major points of the presentation. | No outline received. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **5** | **4** | **3** | **0** |
| **Audience appeal** | The presentation was convincing and engaging. | The presentation was engaging, but not necessarily convincing. | The presentation what somewhat engaging and convincing. | The presentation was not engaging or convincing. |
| **References** | 5 sources neatly typed in MLA format | 4 sources neatly typed in MLA format or 5 sources not typed or not in MLA format. | 3 sources neatly typed in MLA format. | Fewer than 3 sources. |

**Total: \_\_\_\_\_\_\_\_\_\_\_\_/50**