|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Beginning** **1** | **Developing** **2** | **Accomplished** **3** | **Exemplary** **3.5** |
|   Research & Gather information on alternative bio fuels  5 Points     | Collects very little information--some relates to the topic | Collects basic information--most relates to the topic but does not seek out new ideas. | Collects comprehensive information--all relates to the topic. Some insight given into newer developments. |  Collects a great deal of information--all relates to the topic. Many interesting new ideas and developments presented |
|  Information on the chemistry of alternative fuels and the energy of combustion   5 Points | Collects very little information—does not describe the chemistry nor the energy delivered | Collects some basic information—shows a few formulas and basic reactions | Collects a great deal of information—shows formulas,  reactions and energy components |  In addition to the “Accomplished” level, compares alternative biofuels energy to traditional fuel sources |
| Team  Duties Fulfilled  3 Points | Team members perform some duties.  | Team members perform most duties. Teamwork is adequate.  | Team members perform all duties. Good Teamwork is evident.  |  Teamwork is strong. The members support and guide each other.  |
| PowerPoint Presentation  4 Points | Minimal presentation of basic information. Lacks citations | Basic presentation, primarily text based, but includes much information. Some sources cited. | Nice presentation. Includes art and / or images along with comprehensive information. All sources cited |  Professional looking presentation, comprehensive information enhanced with art, images and animation. All sources cited. |
| Conclusions & Recommendations5 Points | Not well organized. Unclear conclusions and recommendations. | Somewhat organized. A few recommendations provided | Well organized. Offers clear conclusions and some recommendations. |  Well organized and structured. Presents a superior explanation of research and offers many possible solutions.  |
|  |  |  |  |  |