**Science Project rubric**

**Rubric for compound machine**

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **4** | **3** | | **2** | | **1** | |
| **Diagram** | The diagram is detailed and easy to understand. The drawing (picture) is done neatly. It is labeled and includes at least 3 (5) simple machines that are being used in the correct way. | | The diagram is detailed, but somewhat difficult to understand. The drawing (picture) is somewhat messy. It is labeled and includes at least 2 (4) simple machine that is being used in the correct way. | | The diagram does not have a lot of detail and is somewhat messy. It is not labeled, but the 2 simple machines are being used in the correct way. | | The diagram does not have any details and is difficult to understand because of messiness. The design is not labeled and only one simple machine is being used in the correct way. |
| **Function** | Compound machine has a function that can be demonstrated using all parts of the machine. Compound machine has a name. The machine is original and shows creativity. | | Compound machine has a function that can be demonstrated using all parts of the machine. Compound machine has a name. | | Compound machine has a function that can be demonstrated using some parts of the machine. Compound machine has a name. | | Compound machine has a function that cannot be demonstrated. Compound machine has a name. |
| **Modification/**  **Testing** | There is clear evidence of troubleshooting, testing, and refinements based on data or scientific principles. | | There is clear evidence of troubleshooting, testing and refinements. | | There is some evidence of troubleshooting, testing and refinements. | | There is little evidence of troubleshooting, testing or refinement. |
| **Grammar,**  **Mechanics, &**  **Spelling** | There are no errors in  grammar, mechanics,  and/or spelling. | | There are few errors in  grammar, mechanics,  and/or spelling, but  they do not interfere  with understanding. | | There are several errors  in grammar, mechanics,  and/or spelling. | | There are numerous  errors in grammar,  mechanics, and/or  spelling. |
| **Slide Creation** | Presentation flows well and logically. Presentation reflects extensive use of tools in a creative way.  Each member’s information is represented in slides and identified with their name. | | Presentation flows well. Tools are used correctly  Each member’s information is represented in slides and identified with their name. Overall presentation is interesting. | | Presentation flows well. Some tools are used to show acceptable understanding.  Each member’s information is represented in slides and identified with their name. | | Presentation is unorganized. Tools are not used in a relevant manner. Lacking some of the members’ information. |