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|  | **Unsatisfactory****1 pts** | **Satisfactory****2 pts** | **Very Good****3 pts** | **Superior****4 pts** |
| **Effort**  | UnsatisfactoryNo effort was given in making the guide. More effort needs to be shown for future projects.  | SatisfactoryEffort was given in making the guide, but not a large amount. Student could have spent additional time putting in more time to create a better guide.  | Very GoodGood effort was given in making guide. Student did a nice job putting in the time necessary to make a good project.  | SuperiorGreat effort was given in making guide. It is clear that an outstanding amount of effort was put forth during the completion of the project.  |
| **Neatness**  | UnsatisfactoryGuide is not easy to read. Student did not put forth effort to make a neat guide.  | SatisfactoryGuide is able to be understood, but more effort toward neatness should be made in the future.  | Very GoodStudent put a good deal of effort into the neatness of this guide. It is clear that the student worked hard to make the guide look nice.  | SuperiorAn outstanding amount of effort was placed into the neatness of this guide. There are no visible mistakes at all.  |
| **Identifying Machines**  | UnsatisfactoryStudent has not followed directions and has not labeled the correct number of simple machines.  | SatisfactoryStudent has labeled 2-3 simple machines.  | Very GoodStudent has labeled 4-5 simple machines.  | SuperiorStudent has successfully labeled all six simple machines. |
| **Design Creativity**  | UnsatisfactoryStudent has not taken project seriously and did not put enough thought or effort into project design.  | SatisfactoryStudent has completed the project, but has not fulfilled design expectations. Some errors make the guide difficult to understand. Student has done the minimum to complete the guide.  | Very GoodStudent has done a good job following directions. The appearance and design is very good, directions were followed, and student fulfilled the necessary requirements.  | SuperiorStudent has done an outstanding job creating a design for the guide. All directions have been followed and project has gone above and beyond all expectations.  |
| **Related Concepts** | UnsatisfactoryStudent did not identify relevant concepts  | SatisfactoryStudent has identified concepts of efficiency and mechanical advantage, but did little to explain their calculations and relevance. | Very GoodStudent has clearly identified and explained the methods for calculating and the relevance of concepts like mechanical advantage and efficiency  | SuperiorStudent clearly demonstrated calculations and relevance of concepts of mechanical advantage as well as providing valuable insights. |
| **Compound Machines** | UnsatisfactoryStudent did address compound machines  | SatisfactoryStudent correctly defined compound machines, and described a method for calculating MA. | Very GoodStudent has clearly defined compound machines, explained the methods for calculating MA and provided examples.  | SuperiorStudent clearly demonstrated calculations and relevance of concepts as well as providing valuable insights. |