

**Penguin Hut Project Rubric**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Partner \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Partner \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ % Weight Lost \_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **Weight****Value** |
| **Imagine** Showed ideas to solve the problem | Incompletedesignhypothesisincludes shape, size and materials | Satisfactorydesignhypothesisincludes shape, size and materials | Good designhypothesisincludes shape, size and materials | Excellentdesignhypothesisincludes shape, size and materials | 2x |
| **Plan and Preparation**Drew design with measurements and prepared with materials for building days | Plan is missing,no materials | Incompleteplan or missing materials | Well thought out plan with parts missing | Excellent plan containing all parts and materials | 2X |
| **Building Structure** | Major structure problems, does not meet size and/or door standards | Messy structure, does not meet size and/or door standards | Satisfactorially made structure, but does not meet size and/or door standards | Carefully made and neat structure, meets size and door standards | 2X |
| **Data** | Testing and measurements were missing | Testing and measurements were incomplete and had mistakes in calculations | Testing and measurements were complete but had mistakes in calculations | Testing and measurements were measured and correctly calculated | 1X |
| **Percent Weight Loss of Penguin** | 41% or more | 31 to 40%  | 21 to 30% | 20% or less | 2X |
| **Analyze Results Questions** | 3 correct answers | 4 correct answers | 5 correct answers | 6 correct answers | 3X |
| **Group Work**  | I need to learn to work together and offer help to others | I contribute to the project but do not work well with my team mates | I cooperate with the team but do not always help solve problems | I helped the team work together and solve problems | 1X |
| **Effort in Project**  | Little effort made in project | Some effort made in project | Good effort made in project | Excellent effort made in project | 2X |

Total \_\_\_\_\_\_\_\_\_/60 points

 Teacher comments:

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_