Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_

**Cold Can Challenge Scale Average Scale Score \_\_\_\_\_\_\_\_**

|  |  |  |  |
| --- | --- | --- | --- |
| **Objective** | **Right On****3**  | **Almost There** **2** | **Work to Do** **1** |
| **Design Sketch** | Includes materials, plans, drawings, tells how each material is going to stop conduction, convection, and radiation. | Some aspects are missing, but overall explains design. | Several aspects of design are missing. |
| **Chart and Graph** | Labels for chart and graph (x and y), correct information, title, units included | Chart and graph missing one to two elements. | Chart and graph missing more than two elements. |
| **Thermal Energy Transfer** | All three heat transfer are accurately explained and drawn. | One heat transfer is not explained or drawn in detail.  | Two heat transfers are not drawn or explained in detail. |
| **Improvements** | Detailed ideas for changes in the future. Changes accurately address heat transfers.  | Changes for the future are not explained OR changes do not address heat transfers. | Changes are not explained in detail AND do not address heat transfers. |

Increased scale numbers are awarded when students go above and beyond the requirements of a level 3.

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_

**Cold Can Challenge Scale Average Scale Score \_\_\_\_\_\_\_\_**

|  |  |  |  |
| --- | --- | --- | --- |
| **Objective** | **Right On****3**  | **Almost There** **2** | **Work to Do** **1** |
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