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| **Project Element** | **Points Earned** | | | |
| ***Experimental Design/ Plan* …**   * Is based clearly on scientific question and hypothesis. * Is reasonable given the materials and time frame. * Shows understanding of independent and dependent variables. * Interfering variables are eliminated as much as possible | **1** | **2** | **3** | **4** |
| ***Group Collaboration…***   * All partners took part in the planning, construction, testing and analyzing work. * Ideas and input from each person were considered. * Work was shared, all partners feel good about the process and product. | **1** | **2** | **3** | **4** |
| ***Final Coaster Construction…***   * Is sturdy and can hold up for multiple tests/trials. * Has most kinks worked out before testing day. * Obvious care and planning were put into its design and construction. | **1** | **2** | **3** | **4** |
| ***Testing and Measurements…***   * Were taken carefully and accurately for several trials. * Were recorded immediately in a data table. * The same person was in charge of the same measurement (ex. time or distance) the whole time. | **1** | **2** | **3** | **4** |

**Total points: /16**

**Notes/Feedback:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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