Roller Coaster Rubric

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **3** | **1** | **0** |
| Meets Hill requirements | Yes | Mostly | No |
| Meets loop requirement | Yes | 1 loop | Zero loops |
| Object rolls entire distance | Yes | ¾ | Less than ¾ of distance |
| Meets distance | Yes |  | No |
| Appearance | Neat and well constructed | Mostly neat with good construction | Needs to be cleaned up and construction is weak |
| Design (doubled) | Sound and based upon the science | Mostly sound | Lacking in scientific principles |
| Target is reached  (doubled) | Every time (3 trials) | Misses once | Misses more than once |

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