**Barbie and Ken go Bungee Jumping Rubric:**

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| --- | --- | --- | --- |
| 4 | 3 | 2 | 1 |
| Experiment design is successful | Experiment design is moderately successful | Experiment design is partially successful | Experiment design is NOT successful |
| Tools and materials are appropriately used all of the time | Tools and materials are appropriately used most of the time | Tools and materials are appropriately used part of the time | Tools and materials are NOT appropriately used |
| Data sheet is descriptive, neat and orderly | Data sheet is mostly descriptive, neat and orderly | Data sheet is partially descriptive, neat and orderly | Data sheet is NOT descriptive, neat and orderly |
| Prediction for final jump is accurate. Barbie is within 1” of the ground | Prediction for final jump is accurate. Barbie is within 3” of the ground | Prediction for final jump is accurate. Barbie is within 6” of the ground | Prediction for final jump is accurate. Barbie is within 12” of the ground |
| Function accurately describes data | Function mostly describes data | Function partially describes data | Function does NOT accurately describe data |
| Reflection sheet is thoughtfully completed using mathematical language | Reflection sheet is mostly completed in a thoughtful way using mathematical language | Reflection sheet is partially completed in a thoughtful way using mathematical language | Reflection sheet is NOT thoughtfully completed. Mathematical language has not been used |