

Names \_\_\_\_\_ Per \_\_\_\_\_

**Trial 1**

Track Design

Energy Graph

Score

Explanation:

*The roller coaster got stuck in the middle of the track / crashed through the end because ...*

Strategy for the next trial:

*We will raise/lower the \_\_\_\_\_ so that the coaster has less/more ..... This should make it so that the coaster ....*

**Trial 2**

Track

Energy Graph

Score

Explanation:

Strategy for the next trial:

**Trial 3**

Track

Energy Graph

Score

Explanation:

Strategy for the next trial:

**Trial 4**

Track

Energy Graph

Score

Explanation:

Strategy for the next trial:

**Trial 5**

Track

Energy Graph

Score

Explanation:

Strategy for the next trial:

### 16. Changing Mass

We used one / eight cars on our roller coaster. ← circle what you did.

Describe the results compared to your last trial (use bullet points).

Similar	Different
•	•

Explain your results (3 sentence minimum).

*Never trust an atom, they make up everything.*