

Name: _____ Date: _____ Section: _____

Directions: You need to provide Mr. Hollstein with some information about your coaster car design. This information could have been obtained from research your completed online in form of text, pictures, or other sources. In addition to information about your coaster car, you will need to answer some questions about your restraint system design.

Coaster Car Design

- I. What was your original source of inspiration for your coaster car and why did you select it?

- II. Are there any roller coasters in operation today that have cars that match your design? Which ones?

- III. Provide me with some dimensions of your coaster car:
 - a. Overall Length: _____
 - b. Overall Width: _____
 - c. Overall Height: _____
 - d. Vehicle Weight (in grams) _____ (Only list if your design was selected as the groups final design).

- IV. What is the passenger payload for your roller coaster car? What are your reasons for the number of passengers you are allowing in your car?

- V. Due to the fact that your group will get an additional \$20,000 if your design is selected as the coolest looking design, have you made any modifications to enhance how it looks? Why or Why not?

