

## 2019 SCORE SHEET

Name of Roller Coaster: \_\_\_\_\_

School Name: \_\_\_\_\_

Does the coaster fit within size constraints (36" x 36" x 60")? \_\_\_\_\_

### Demonstration

Attempt	Successful?	Time
1st run		
2nd run		
3rd run		
Average ride time		

### TECHINICAL SCORE - RELIABILITY (36 points maximum)

(Number of Successful Runs: \_\_\_\_\_) \* 12 points each

### TECHINICAL SCORE – RIDE DURATION (14 points maximum)

Four to six seconds = 7 points

Greater than six seconds = 14 points

### TECHINICAL SCORE - ENGINEERING (10 points maximum)

Each judge will subjectively award up to ten points for the overall design and construction of the coaster. Factors may include the type of materials used to construct the coaster, quality of construction, etc.

### THEME – RIDE NAME (10 points maximum)

Though a "cool" name is always desirable, this score also includes how well the name fits the overall theme of the coaster.

## (Circle One) High School / Middle School

### THEME - CREATIVITY (30 points maximum)

The model roller coaster will be judged for its merits as a possible ride to be purchased by an amusement park. Theming is an essential element of a new ride.

### BONUS POINTS – LOOPS

5 points \* Number of completed vertical loops: \_\_\_\_\_

### BONUS POINTS – TRACK DESIGN (40 points maximum)

90% "More Open" = 10 points

100% "Most Open" = 40 points

### BONUS POINTS – JUDGE'S SUPERLATIVE AWARDS (15 points each)

Each judge will award fifteen points each for the best coaster in the following categories

Most Thrilling / Frightening

Best Name

Most Creative / Unique

## Final Score

(sum of all points above):

