

ROUND 1

I. Engineering Design Category

Total possible points = 20

score Correct Size
Must not exceed 4" wide, 4" tall, and 12 inches long.
(total = 10 points)

- 0 no dimensions were met
- 1 one dimension was met
- 3 two dimension were met
- 10 all three dimensions were met

score Edible Materials
(total = 10 points)
Allocate points accordingly:

- +2 all materials are edible by humans
- +2 have parts list
- +2 have total cost of car under \$15
- +2 number of edible materials 1-5
- +2 number of edible materials greater than 5

II. Creativity Category

Total possible points = 20

score Use of Car Accessories/Attachments
(total = 10 points)
Score is based on the number of types of attachments
up to 10

score Degree of Creativity
(total = 10 points)
Allocate points accordingly:

- +2 use of a theme, slogan or purpose
- +2 use of a clever idea or material
- +2 use of different colors or textures
- +2 car-like appearance
- +2 unique uses of materials for special effects

Round 1 Score

40

Comments:

TWU Edible Car Contest

Team# _____

ROUND 2

score Effective Axle/Wheel Design
(total = 5 points)
Note: sliding down the incline does not count;
the car must roll on the wheels down the incline to count

- 0 car does not start on its own slides
- 1 car rolls down incline with assistance
- 2 car rolls poorly down incline but without assistance
- 3 car completes run down incline without assistance
but hits the rails on the way down
- 5 car completes run down incline without assistance
and without hitting the rails

score Durability
(total = 5 points)
(car must make it down incline in
order to gain points for durability)

- 1 car slides down incline (does not roll) but stays intact
- 2 car makes one run down incline, unable to make second
- 3 car makes two runs down incline, requiring minor repairs
- 5 car makes two runs down incline with no repairs

Round 2 Place: _____

Trial 1 time: _____

Points from Round 2:

Trial 2 time: _____

Trial 3 time: _____

Repairs? Y / N

30

TOTAL SCORE

70