

Names: _____

Balloon Car (Notes)

Design your team car.

- Create a water bottle car
 - Add decorative features to your car



What is the width of your axles? _____

What color balloon will be used to propel the balloon car? _____

What balloon circumference will you use to propel the balloon car? _____

Final Plan... Model that's tested

How did you set up the axles for your car?

How did you set up the wheels for your car? What did you use? How big are the wheels?

Did you make any modifications to the car design from the beginning to end? If so, what?

Did you make any modifications to the straw placement from the beginning to end? If so, why?

Grading Rubric

Car

- ☐ Car design
 - Decorative “body” features (aesthetics) **(10 pts)**

Balloon

- ☐ How is balloon attached **(10 pts)**
- ☐ Where is balloon attached **(10 pts)**

Slideshow

- ☐ Images of car body **(10 pts)**
- ☐ Image of the Blueprint of design **(10 pts)**
- ☐ Image of axles with measurements of size... as labels **(10 pts)**
- ☐ Image of wheels with measurements of size... as labels **(10 pts)**
- ☐ Video of car being propelled **(10 pts)**

Presentation

- ☐ Car able to complete the course
 - Car can roll: **5pts**
 - Goes up the ramp w/ “Balloon Power”: **5pts**
 - ☐ Able to go up and across the ramp: **5pts**
 - ☐ Able to go up, across, and down the ramp: **5pts**

Please Do NOT include any generic photos from Google Images or other similar resources