

# Design a Spacecraft



## Materials:

Cups  
Bowls  
Straws  
Foil

## Discussion Questions:

- What was the hardest part of this challenge? Why?
- What other materials would have made your spacecraft even better?

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



## Challenge: Design Spacecraft

Design and build a spacecraft. You will determine the purpose of your spacecraft. Will your spacecraft explore, communicate, observe, determine meteorology, navigation, space colonization, planetary exploration, or help with transportation of humans and cargo.

### Questions:

1. Name of your spacecraft: \_\_\_\_\_
2. Purpose of your spacecraft? Why?

\_\_\_\_\_

3. How will I construct my spacecraft?

\_\_\_\_\_

4. What materials will I use?

Design your Rover Spacecraft

### Reflection:





