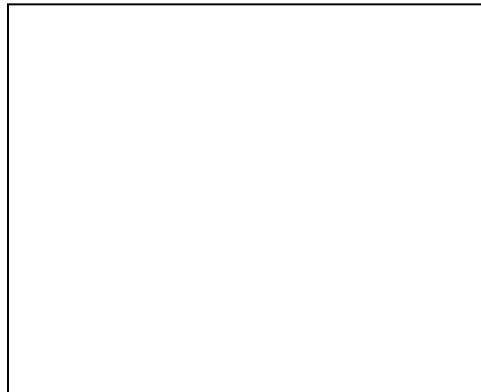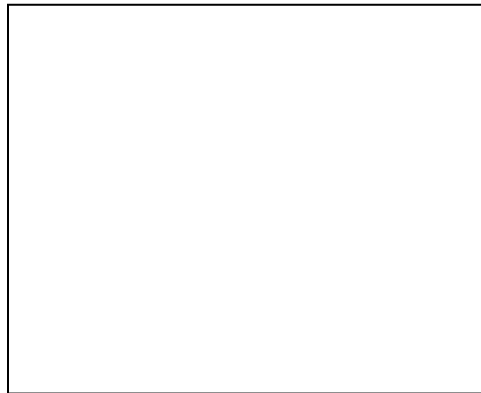# Designing Your Company Boat

Select a Boat Design

- Share with your team your answers to questions 4-8 from your Foil Boat handout.
- Record similar findings among team members here:

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- Come to agreement on 2-3 boat designs based on your team's findings (this includes agreeing on the types of materials to use to build the boats). For each design, draw a diagram and write a brief description.

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Create Prototypes and Test Them

Create and test the team's prototypes. Record your data below.

Boat #	Did it float?	Could it support any weight? If so, how much?	What changes can you make to improve the boat?
1			
2			
3			

Modify your prototypes and try again. How did this revised prototype fair against the original?

Boat #	Did it float?	Could it support any weight? If so, how much?	How did the revised prototype fair against the original?
1			
2			
3			

Select Your Best Boat

As a production team, select your best boat. Record why the selected boat is the best boat. Think about what makes the boat design so special. What makes your boat hold more than other boats?

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Think about the target age group for your boat. How will you persuade you target audience that they want to have your boats in their bathtubs?

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