

Boat Design: Surviving the Stormy Seas

Name: _____

Date: _____

Student worksheet

Directions: Fill out this worksheet as you go through the engineering design process.

1. Define the problem.
 - a. What is the real-world problem you will be modeling? How will you model it?

 - b. What procedure will you use to test your model?

 - c. List the criteria and constraints your class has agreed on for solving the problem.

2. Draw at least two different boat designs.

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Name: _____

3. After discussing with your partner, draw the boat design you decided to build.

4. Test your boat. Write down any problems you encountered.

5. List any changes you decided to make to your boat design. Draw new sketches if necessary.

6. If you had more time or materials, what changes would you make to your boat?