# STEM PROJECT CHALLENGE SHEET:

BOAT FLOAT

Your STEM mission, should you choose to accept it, is to research, design, and build a boat that will bear the most weight without tipping or sinking.

Requirements:

* It must be smaller than 29 3/4" L x 18 3/4" W x 13 1/2" H. This is the size of my container for water.
* \*\*Materials: All materials must be recycled or repurposed from items already in your home. You may purchase paint, glue, or tape as needed. \*\*
* Be sure to practice floating your boat at home using weights. We will be using one pound baggies filled with gravel.
* For an extra challenge, build more than one using different designs. Test them against each other at home and bring in the best to compete against your classmates.
* Parents, please feel free to help your child complete with their assignment. Good luck!

Be prepared to test your boat against your classmates on

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