# STEM PROJECT CHALLENGE SHEET:

BRIDGE BUILDING

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

Requirements:

* It must be smaller than 12” W x 12”H x 20”D
* \*\*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 try testing your bridge at home using weights. We will be using one pound baggies filled with gravel.
* Challenge Level: Can you build a bridge that can bear YOUR entire body weight?
* Parents, please feel free to help your child complete with their assignment. Good luck!

Be prepared to test your bridge against your classmates on

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