



# MARSHMALLOW CHALLENGE

## Student Worksheet

**Identify the Problem:**

Build a tower out of the materials you are given. Create a tower that can hold a textbook for 15 seconds.

**Materials:**

Toothpicks. Marshmallows.

**Rules:**

The tower must be 6 inches tall. 10 minutes to design and build the tower.

**Brainstorm Solutions. Generate Ideas. Explore Possibilities:**

**Design It:**

**Build It: Use the given materials to create your design!**

**Make Adjustments: What could you do differently?**



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## Teacher Guide

### Challenge

Either individually, or in groups, students must build a tower out of the materials they are given. They will compete to create a tower that can hold the weight of a textbook for 15 seconds.

### Materials

Toothpicks. Marshmallows.

### Rules:

The tower must be 6 inches tall. 10 minutes to design and build the tower.

### Competition:

Students compete to see which tower can hold the weight of a textbook for 15 seconds. You can add more time to this if needed.

Be sure to use the same textbook to make the competition fair.

Please be sure to share photos or videos of your students completing the activity!

Upload here: <https://www.dropbox.com/request/TvTdwFAJFUvjk1vnC6YT>

