

Design Brief

- ▶ **Problem:** How can we design a strong, tall, and freestanding structure?
- ▶ **Criteria:** Build the tallest freestanding structure, using only marshmallows and colored toothpicks.
- ▶ **Constraints:**
 - You may use the following materials: 50 marshmallows and 50 colored toothpicks.
 - Individual toothpicks and/or marshmallows may not be used only to add height (ex: used to create an antenna).
 - You have 30 minutes to build the tallest freestanding structure.
 - Your structure must remain standing for a minimum of 4 minutes.