



SuperYak's Adventures at Home

Marshmallow Towers!

Materials Needed:

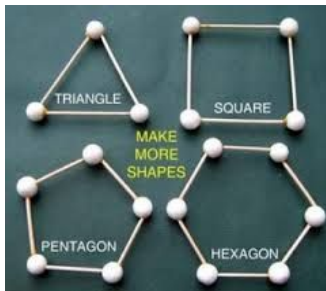
- Toothpicks
- Mini marshmallows
- *A table an adult can help shake to simulate earthquake test*

SuperYak's Reminders!

- Be kind, be safe, and try your best!
- Today we are using marshmallows as building tools, so they are not for eating during this activity.

Instructions

1. Each person gather 25 toothpicks and 25 mini marshmallows at a table
2. Push one marshmallow onto the pointy tip of a toothpick, and a second marshmallow onto the other pointy end, so it looks like a dumbbell.
3. Attach more toothpicks to the marshmallows to make a 2D base shape.



<http://brainbrigade.org>



<https://sunflowerststem.com>



<https://www.tes.com>

4. Construct a 3D building from additional marshmallow and toothpicks extending the base shape further out and up!
5. Ask an adult to help you simulate an earthquake test by gently shaking the table. Did your tower stay standing? If it fell, that's okay! Think about what parts of your tower could use more support and try again.

Be sure to record your favorite part(s) of the activity in your SuperYak's Adventures at Home Journal! Parents/Guardians can submit photos to SuperYak's Adventures at Home Blog through CY's website.



SuperYak's Adventures at Home

Marshmallow Towers!

SuperYak's Extra Challenges

- Find a partner at home to build a bigger tower with, using more marshmallows and toothpicks together. Try asking your partner:
 - “These are my ideas, what ideas do you have?” or
 - “Do you want to try and merge our towers together?” or
 - “What do you think will make our tower stronger?”
 - “I like what you built so far, how did you do that/think of that?”
- Choose one shape (triangle, square, pentagon, etc.) and build a tower only using that shape. Does this make the tower harder or easier to construct?
- Use the toothpicks and marshmallows to create 2D or 3D letters that spell out your name.
 - You could surprise someone in your home with their name in marshmallow-toothpick letters too!
- Learn more about earthquakes by asking people you live with what they know, then research more earthquake facts together!

Be sure to record your favorite part(s) of the activity in your SuperYak's Adventures at Home Journal! Parents/Guardians can submit photos to SuperYak's Adventures at Home Blog through CY's website.