

A Stevens Creek Elementary School Makerspace Program

Marshmallow Structure



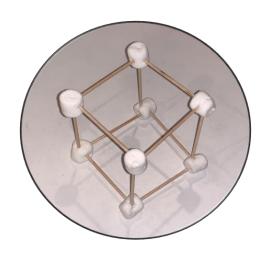
Build a structure using marshmallow and toothpicks!



Paper plate

☐ Marshmallow, ~20 pcs each maker

☐ Toothpicks, ~15 pcs each maker



Instructions

- 1. Write your name on the plate.
- 2. Place 8 marshmallows on a paper plate.
- 3. Connect 4 of them by sticking toothpicks on the <u>side</u> of the marshmallows. Do this twice. (You should now have two squares.)
- 4. Stick toothpicks on <u>top</u> of the marshmallows on one of the squares then connect the second square on top.
- 5. You now have a marshmallows cube!

Challenge:

- 1. You just made a cube. Can you "upgrade" the cube by transforming it to a different shape?
- 2. Build a new structure in a different shape:
 - Star
 - Triangle
 - Rectangle
 - Hexagon prism
 - Other polygons, 3D or 2D
 - Free form

