

# TOOTHPICK TOWER

## MATERIALS

- MINI MARSHMALLOWS
- TOOTHPICKS
- RULER

## INSTRUCTIONS

1. START BY MAKING SQUARES AND TRIANGLES BY ATTACHING MARSHMALLOWS WITH TOOTHPICKS.
2. THEN MOVE ON TO 3D SHAPES (LIKE A CUBE OR PYRAMID). HINT: TO MAKE A CUBE, USE 8 MARSHMALLOWS AT THE CORNERS AND 12 TOOTHPICKS AS THE EDGES.



3. NEXT TRY MAKING A SQUARE BASED PYRAMID WITH 5 MARSHMALLOWS AND 8 TOOTHPICKS. WHAT OTHER SHAPES CAN YOU MAKE?



4. NOW THAT YOU KNOW HOW TO MAKE SOME DIFFERENT SHAPES, THINK ABOUT WHICH SHAPES ARE THE STRONGEST. PLAN HOW YOU WANT TO MAKE YOUR TOWER. YOU CAN USE THE SHAPES THAT YOU HAVE MADE TO BUILD YOUR TOWER OR START FROM SCRATCH.
5. HOW TALL IS YOUR TOWER? USE A RULER TO MEASURE.