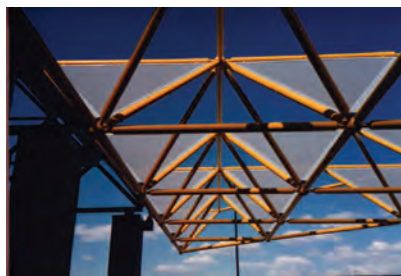


# SPACE FRAMES IN ARCHITECTURE

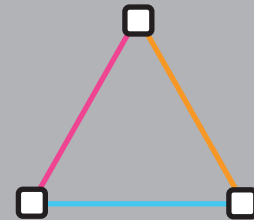


In architecture, a **space frame** is a truss-like, lightweight, rigid structure that makes a geometric pattern. Space frames can span large areas. They are strong because of the pattern of repeating triangles.

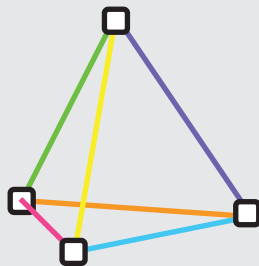


## Space Frame Activity:

- 1 Start by making a simple truss, or triangle with your toothpicks and marshmallows.

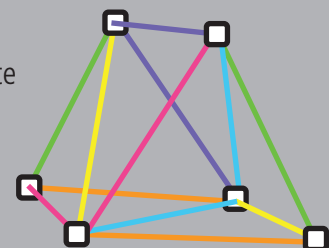


- 2 Create a prism by sticking another toothpick in each marshmallow, and connecting them at the top, with another marshmallow.



- 3 Keep building off of this structure to create your own space frame.

**\*Remember, building triangles makes the space frame stronger!**



When you're done, count how many triangles you've created!