

**Geometric Shape Builder**

**Activity #1**

**3-5**

**Estimated Time**:

30-45 minutes

# **Materials (per student):**

* Geometric Shape cards
* Toothpicks
* Marshmallows

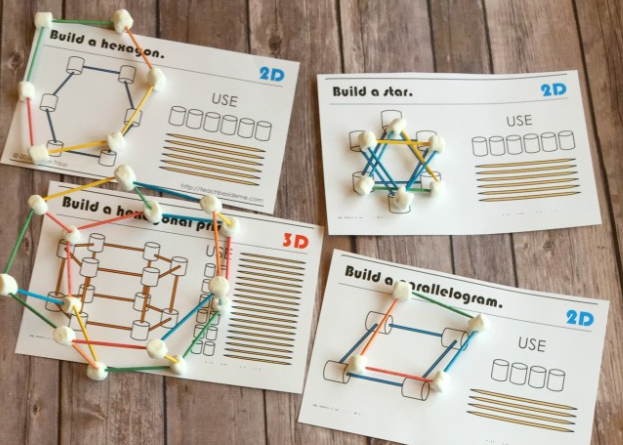
# **Instructions:**

Use the geometric shape cards to construct the 2-D and 3-D shapes using the marshmallows and toothpicks.

# **Possible Variations:**

Try to build the tallest tower using the toothpicks and marshmallows. Once your tower is built, see how many pennies it can hold by adding one penny at a time.

# **Science Behind the Project:**

Geometry is a field of mathematics used to understand more about the lines, angles, surfaces and volumes found within our universe of objects and ideas.

**\*\*WARNING: Adult Supervision Required. Small parts may cause a choking hazard\*\***