

# Popsicle Stick Engineering Challenge

**Age:** This challenge can be adjusted for any age group. We first tried this challenge with our preschool aged children, but quickly found that the adults leading the activity had just as much fun with it.

## Supplies:

- Non-breakable cups (Dixie cups are ideal, but any cups you have on hand will work)
- Craft Sticks (these can be ordered online and used for crafts as well)

## Directions:

- Set out the materials and invite your child to join you.
- Start by asking your child to build a few different shapes or letters. For older children skip this step and have them start with one of the challenges listed below.
- Increase the difficulty and challenge your child's problem-solving skills by trying any of the building challenges listed below.
- Allow them to bring in other props such as cars and action figures to test roads or other structures they build.
- There is no wrong way to do this activity.

## Building Challenges:

- Can you build a square, rectangle, triangle?
- Can you build a road?
- Can you build a bridge?
- Can you build a house?
- Can you build a skyscraper?
- What else can you build?

