



Challenge #1: Build a structure that can support the most possible weight.

For this one, you could either challenge kids to build a true bridge, or just a structure that supports weight.

Two clothespins with a craft stick between them make great supports for a structure.

How many cups can it hold?

Challenge #2: Build the tallest structure.

Challenge #3: Build the tallest structure with the fewest clothespins.

Challenge #4: What can you build with triangles? Challenge #5: Build a domino chain.

Challenge #1: Build a structure with one cube as the base. Yes, just one cube!

Challenge #2: Using any size base, build the tallest possible structure.

Challenge #3: Feats of Balance. Make something stick out in an impressive way!

Challenge #4: What can you build with just one cup as the base?

Challenge: Build a chain reaction!

Challenge 5; construct the longest possible bridge using only craft sticks and wooden cubes. No glue, no tape, no adhesives of any kind! This is a great way to explore gravity and balance points, while encouraging cooperative learning. It's really hard to build a bridge by yourself, but with a friend the task is much easier!

