**Bridge, but make it Tower**

**Challenge**
Your TASK is to build a bridge which is as long as possible. Then, rotate your bridge so it becomes a tower which is as tall as possible.

**Time**
You will have up to 5 minutes to use your IMAGINATION and PROBLEM SOLVING SKILLS to build a bridge which is as long as possible. You will then have up to 1 minute to rotate your bridge so it becomes as tall as possible.

**Procedure**
Part One (5 minutes): Build a bridge which is as long as possible between the two posts. You may practice rotating your bridge during Part One. The length of the bridge will be measured at the end of Part One.
Part Two (1 minute): Rotate your tower so it is as tall as possible. The height of the tower will be measured at the end of Part Two.

**Materials**
- 2 knitting needles
- 5 paper clips
- 3 clothes pins
- 4 pens
- 3 pieces of paper
- 10 pieces of spaghetti
- 4 mailing labels

Two wooden posts (4”x4”x12”) are also on the materials table and are available to you as you build and rotate your bridge.

The mailing labels may not be attached to the posts. The knitting needles, pins, and clothes pins may not be damaged.

**Scoring**
- A. 2 points (40 points maximum) for each inch of length of your bridge.
- B. 2 points (40 points maximum) for each inch of height of your tower, measured from the top of the posts.
- C. 20 points for how well your team works together

Note to TM: Please do not tape the posts to the table. As the problem doesn’t say they can’t, the team is welcome to rotate the posts to best support their structure.