

## Washington Monument Activity: Using spaghetti noodles and mini rainbow marshmallows

### Required Materials per model:

- Spaghetti noodles (10 in total)
  - 12- 5cm noodles
  - 8- 14cm noodles
  - 2- 7cm noodles
- Mini Marshmallows (9 in total)



FIGURE 1 (ABOVE)

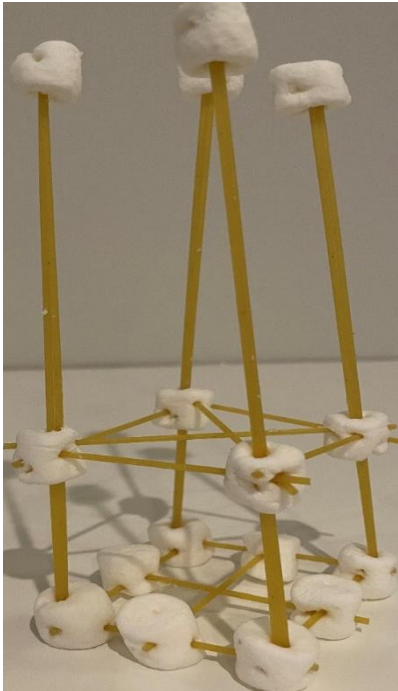


FIGURE 3 (ABOVE)

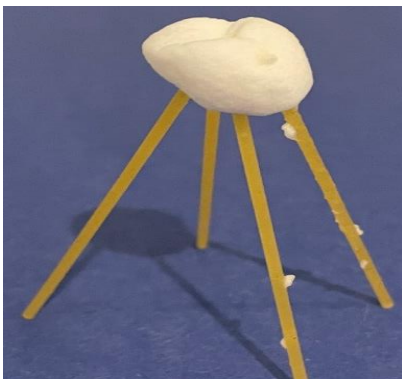


FIGURE 2 (ABOVE)

### Step 1: Creating the Body (materials: eight mini marshmallows and eight 14cm noodles)

Take **two** 14 cm noodles and push them through a marshmallow. Make sure that the marshmallow is pushed down to the center of the noodles. Then, place a marshmallow at the top of the spaghetti noodles so it looks like this (figure 1). Repeat this process three more times until you have four support beams.

### Step 2: Creating the Body Continued (materials: four 5cm noodles, and two 7cm noodles)

Stick the support beams from step 1 into the four corners of the base. Once the beams are attached to the base, use **four** 5 cm noodles to connect the beams by sticking them through the marshmallows in the middle.

Then, take **two** 7cm noodles and push them through the marshmallows in the middle diagonally. Your structure should now look like this (figure 2).

### Step 3: Creating the Top (one mini marshmallow & four 5cm noodles)

Take **one** mini marshmallow and stick **four** 5cm noodles into it (try to place each noodle in a separate corner of the marshmallow). See (figure 3) for reference.

Once you have your top completed, stick each of the **four** 5cm noodles into the top **four** marshmallows. Your structure should now resemble (figure 4).

Congratulations! You've now completed your Washington Monument!

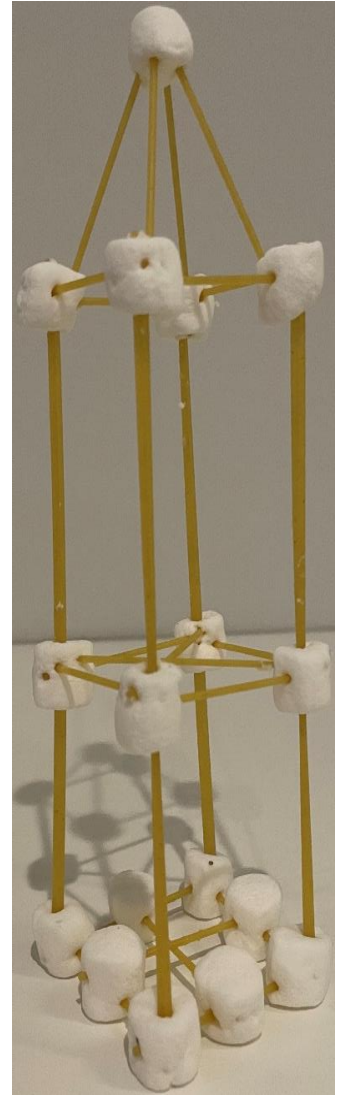


Figure 4

### Fun Facts About the Washington Monument!

- The Monument began construction in 1848 but was halted for 23 years due to the American Civil War. It was later finished in 1885 and was opened to the public in 1888.
- When completed, the Washington Monument was the world's tallest building at 555 ft tall.
- Abraham Lincoln, Andrew Johnson, and James Buchanan were some of the iconic figures present at the construction ceremony.
- Inspiration for the monument came from architect Robert Mills and was built by the U.S. Army Corps of Engineers.