

Spaghetti Tower

Safety tips: Parents must supervise this activity. Please do not play with the spaghetti or toothpicks, as they are sharp and can harm you. Be sure to cover your workspace with paper towels, newspapers, or an old tablecloth.

Items you will need: Materials that you picked up from library.

Predictions:

Please think of these questions prior to starting. How high can I make the spaghetti tower? What building plan will work the best for me?

Makerspace steps:

1- Cover workspace.

2- Think about how you wish to begin your build. The challenge is to build the tallest structure possible. Planning your build is an important step.

3- Proceed to build your structure using spaghetti and marshmallows. If the spaghetti proves to be too fragile for you, use toothpicks.

6- Share your work! Send a picture of your creation and your prediction findings to Ms. Stephanie at scuozzo@eipl.org.

Additional Resources

Books available at our library!!

Cantanese, Elizabeth. **STEAM jobs in architecture and construction.** J690.023CAT

Gibbons, Gail. **Up goes the skyscraper!** J690.02GIB

Goodman, Susan. **Skyscraper: from the ground up.**

Johmann, Carol. Skyscrapers!: super structures to design & build.

Kerschbaum, John. **Skyscrapers: the heights of engineering.**

JGRAPHIC 720KER

Marsico, Katie. **Skyscrapers.** J720.483MAR

Wilcox, Charlotte. **A Skyscraper Story**

J690.02WIL

Websites:

I Want To Be An Architect! Kid's Dream Jobs

<https://youtu.be/zvewCudtFZs>

Architect Adventure:Crash Course Kids

<https://youtu.be/DkJLbCCI6Zs>

