



## WHAT IS THIS?:

There are forces in food that go beyond vitamins! You'll be amazed at the strength of pasta and at the holding power of marshmallows with this experiment where you discover different ways of assembling these materials into shapes that allow you to make different structures. Experiment and see what makes the tallest and strongest structure.

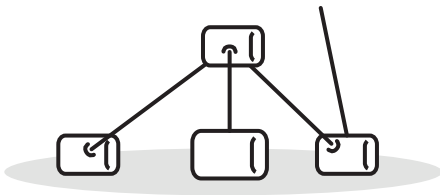


## WHAT YOU'LL NEED:

- 1 handful of dried spaghetti
- 1 chocolate egg
- 6 marshmallows



## WHAT YOU DO:

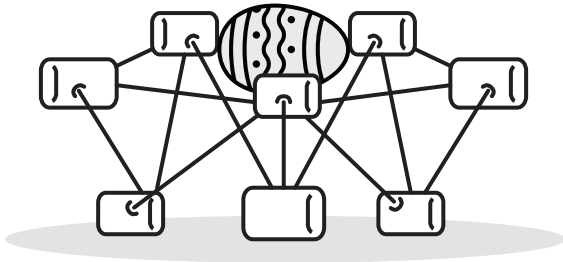


### STEP ONE:

Use the marshmallows to connect pieces of spaghetti to build the highest tower possible.

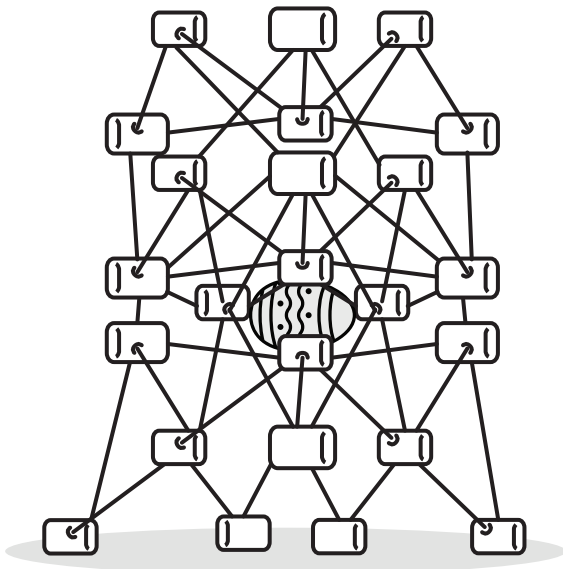


# Pasta Power Tower



## STEP TWO:

Test its strength by placing a chocolate egg inside the structure. Does it hold? Try again with a different design.



## STEP THREE:

By testing prototype buildings, you will have the opportunity to rebuild and alter your designs to improve them. This is the same real-life processes of testing, re-development and prototyping that engineers and scientists use!

