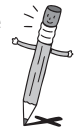| STRUCTURES | ZOOMsci Activities | Try It Out | ZOOMon: Change One Variable | Share Your Results | Keep ZOOMing |
|---|---|---|---|---|---|
| **Cup Tower*** | | Build a tower using cups. | • Number of cups<br>• How you stack the cups | • How did you stack your cups?<br>• Why did some designs work better than others? | Build more structures:<br>• Crazy Straw Bridge<br>• Cantilever |
| **Marshmallow Tower** | | Build a tower using marshmallows and toothpicks. | • Shapes you use to construct your tower<br>• Size of the marshmallows | • What design did you use?<br>• Why did some shapes work better than others?<br>• How can you change the tower to make it taller? | Continue experimenting with shapes and structures:<br>• Geodesic Dome<br>• Strongest Shape |
| **Paper Bridge*** | | Make a bridge out of a piece of paper. | • Type of paper<br>• How you design your bridge | • How many pennies did your bridge hold up?<br>• How did you design your bridge? | Find other things to build:<br>• Cup Tower<br>• Paper Tower |
| **Pencil Balance** | | Make a pencil stand on its tip using only wire and clothespins. | • Type of materials<br>• How you attach the materials | • How did you build your balance?<br>• What helped balance the pencil? | Learn more about center of gravity and balance:<br>• Upside Down Mobile<br>• Arch |

**\*** indicates Spanish version available

Find these activities at the **ZOOMsci** section of the ZOOM Web site: **pbskids.org/zoom/sci**

**pbskids.org/zoom**  **KIDS**