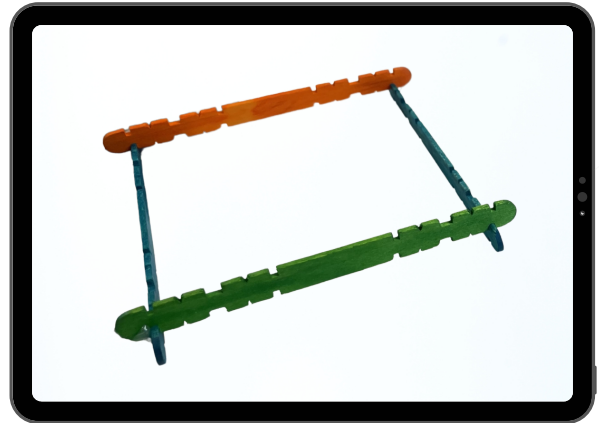




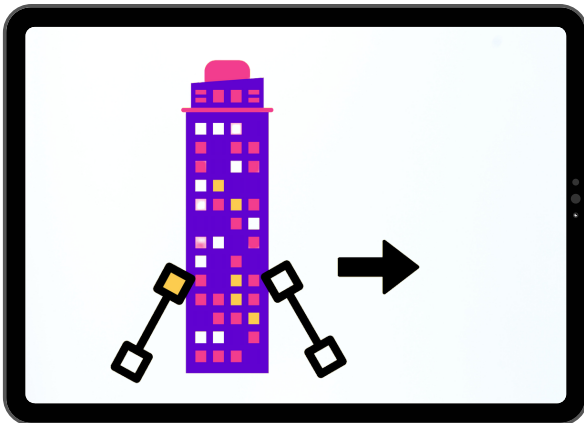
# Tower - Step by Step



**1.** Brainstorm some designs and ideas on your base



**2.** Start with your foundation, and attach it to the base



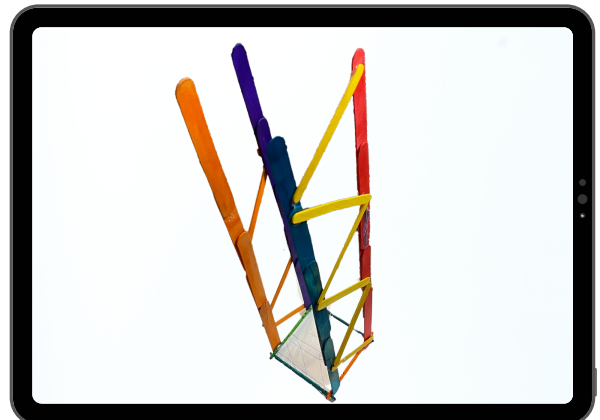
**3.** Remember the foundation can only go 6" high



**4.** Keep in mind the strategies to use the materials!



**5.** Begin to build your tower upward!



**6.** Connect the sides of the tower to increase its strength!



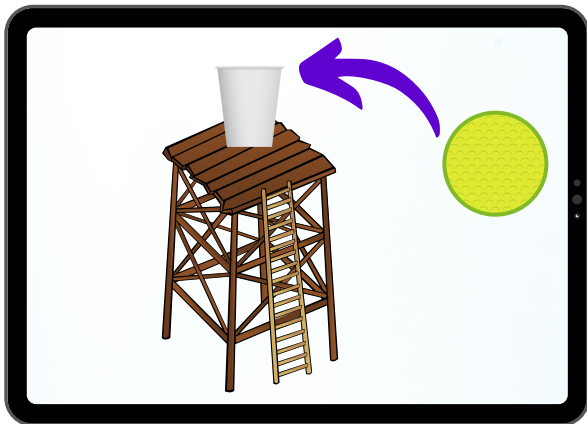
# Tower - Step by Step



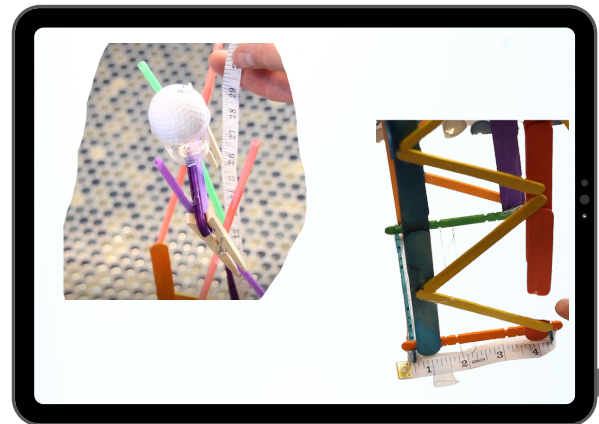
**7.** Keep adding clever features along the way!



**8.** Find a spot for the cup at the top of the tower!



**9.** See if your tower can hold the golf ball!



**10.** Measure the height and width of the tower!

**Slenderness Ratio:**

$$\frac{\text{Height}}{\text{Width}}$$

**Then try to make improvements!**

**11.** Find your slenderness ratio by dividing the tower's height by its width!