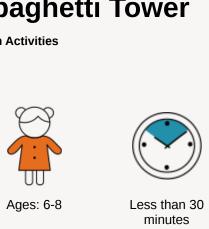
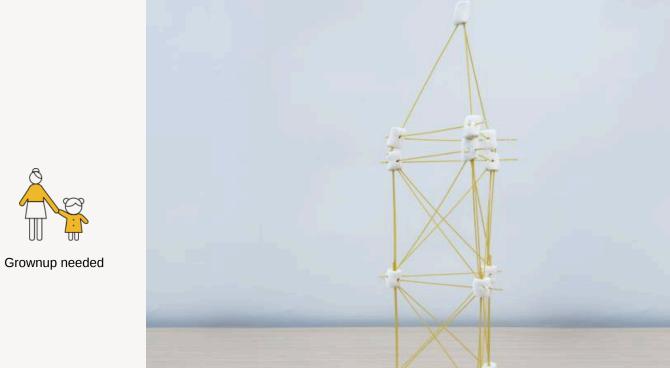
DIYs » Stem Activities » Engaging Engineering Building » Age 6 - 8 » Spaghetti Tower **** **Spaghetti Tower** Stem Activities







Skyscrapers can be seen throughout cities - do you know the secret to their stability? In this activity, we'll use spaghetti and marshmallows to model tower construction and explore the key factors affecting tower stability.

Marshmallows

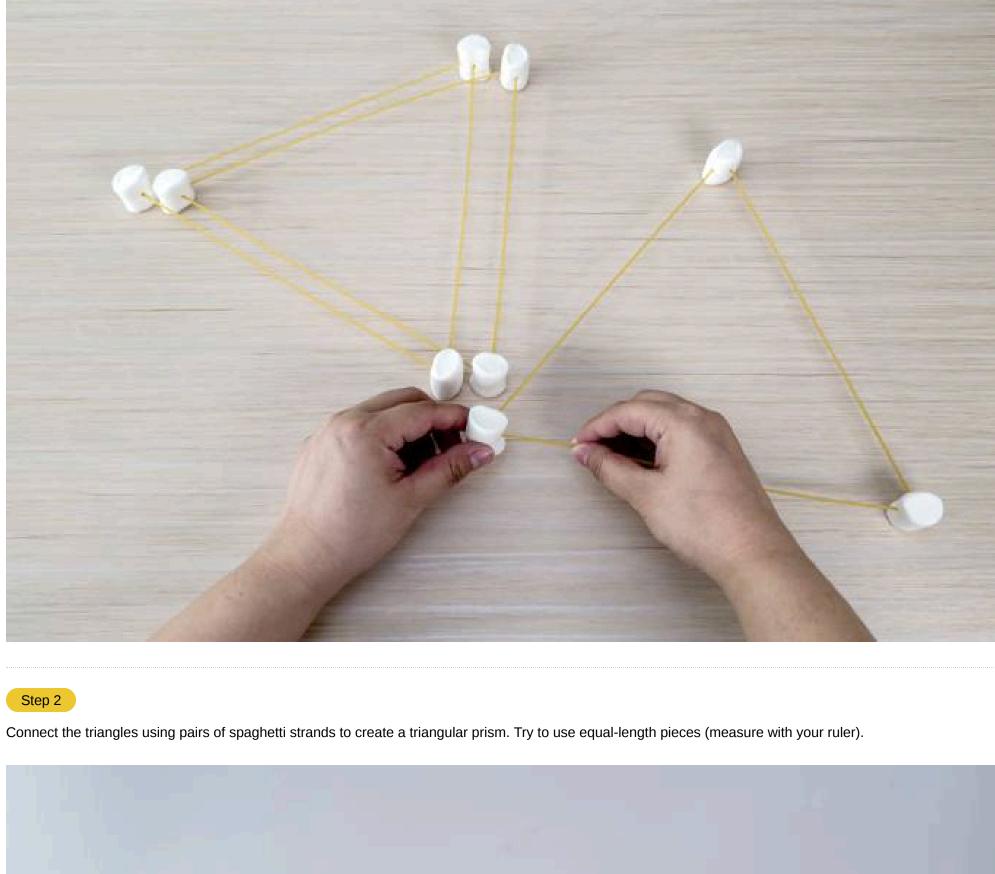
Materials Needed

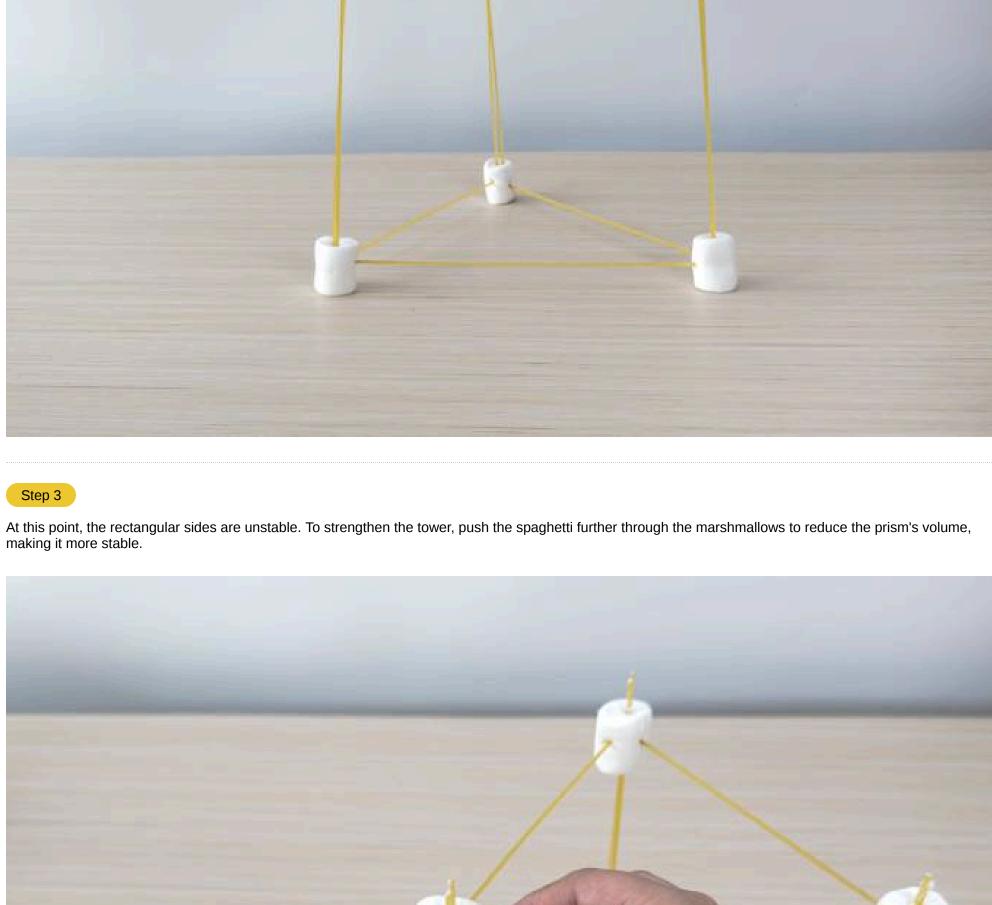
Spaghetti Ruler

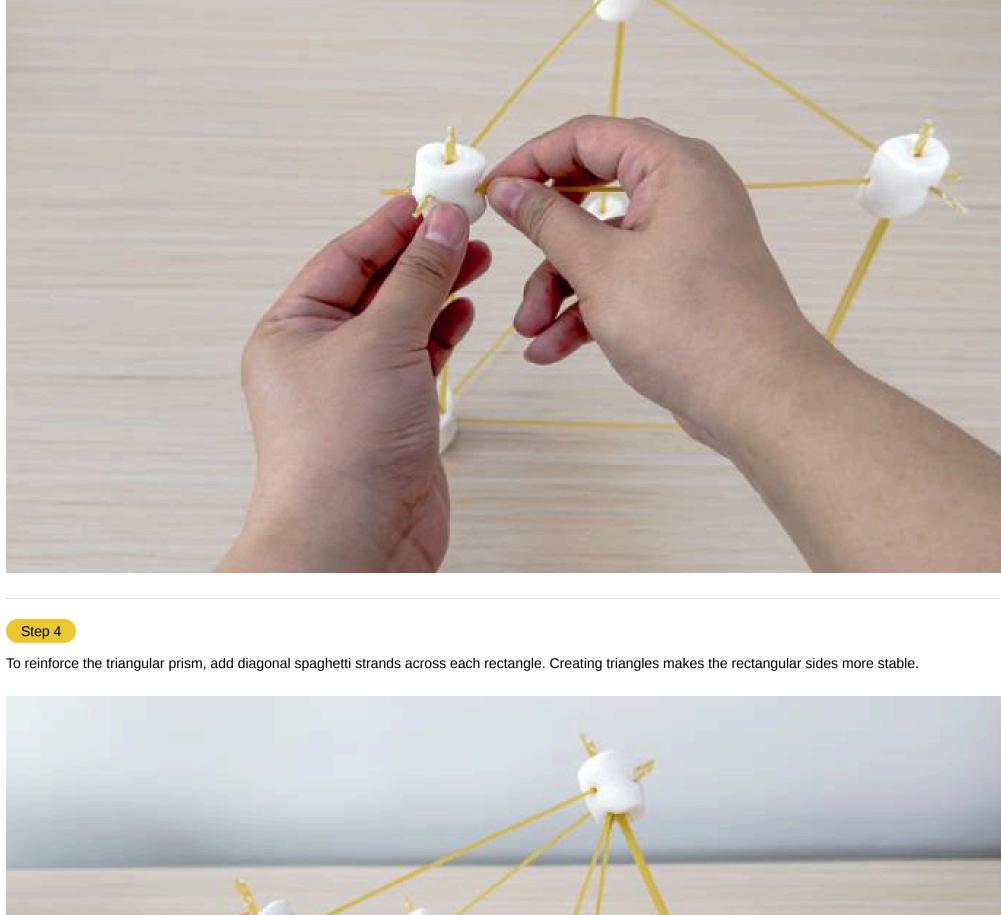


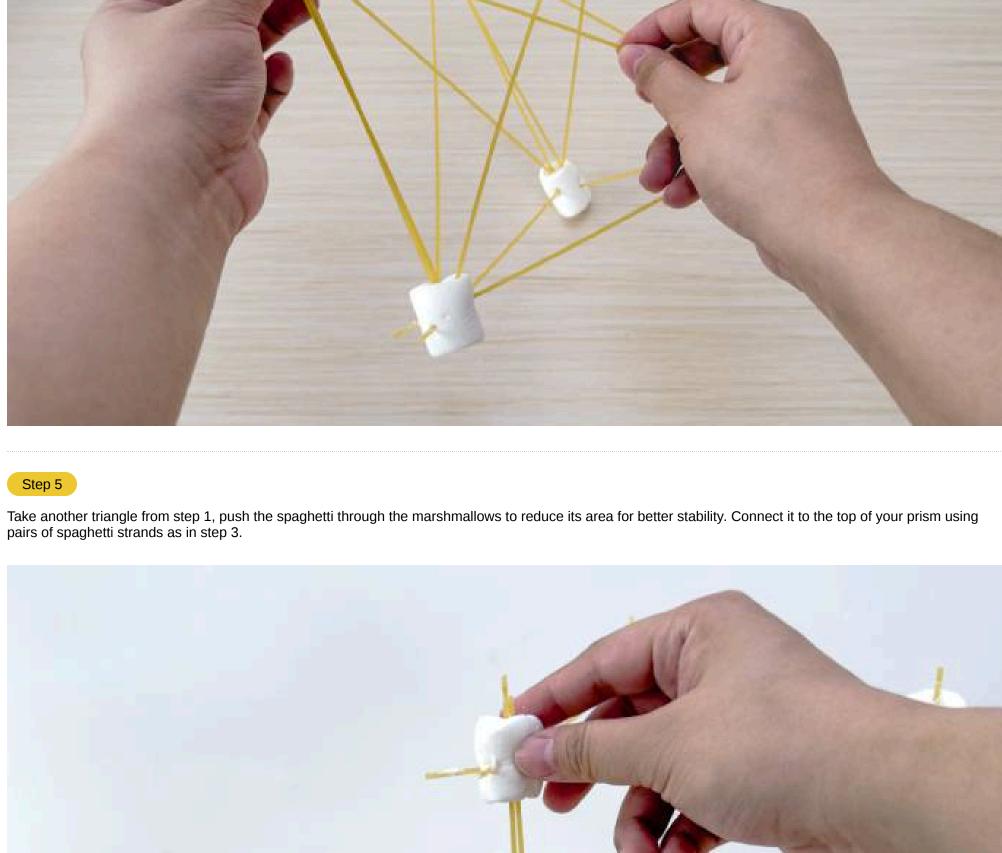
Step 1

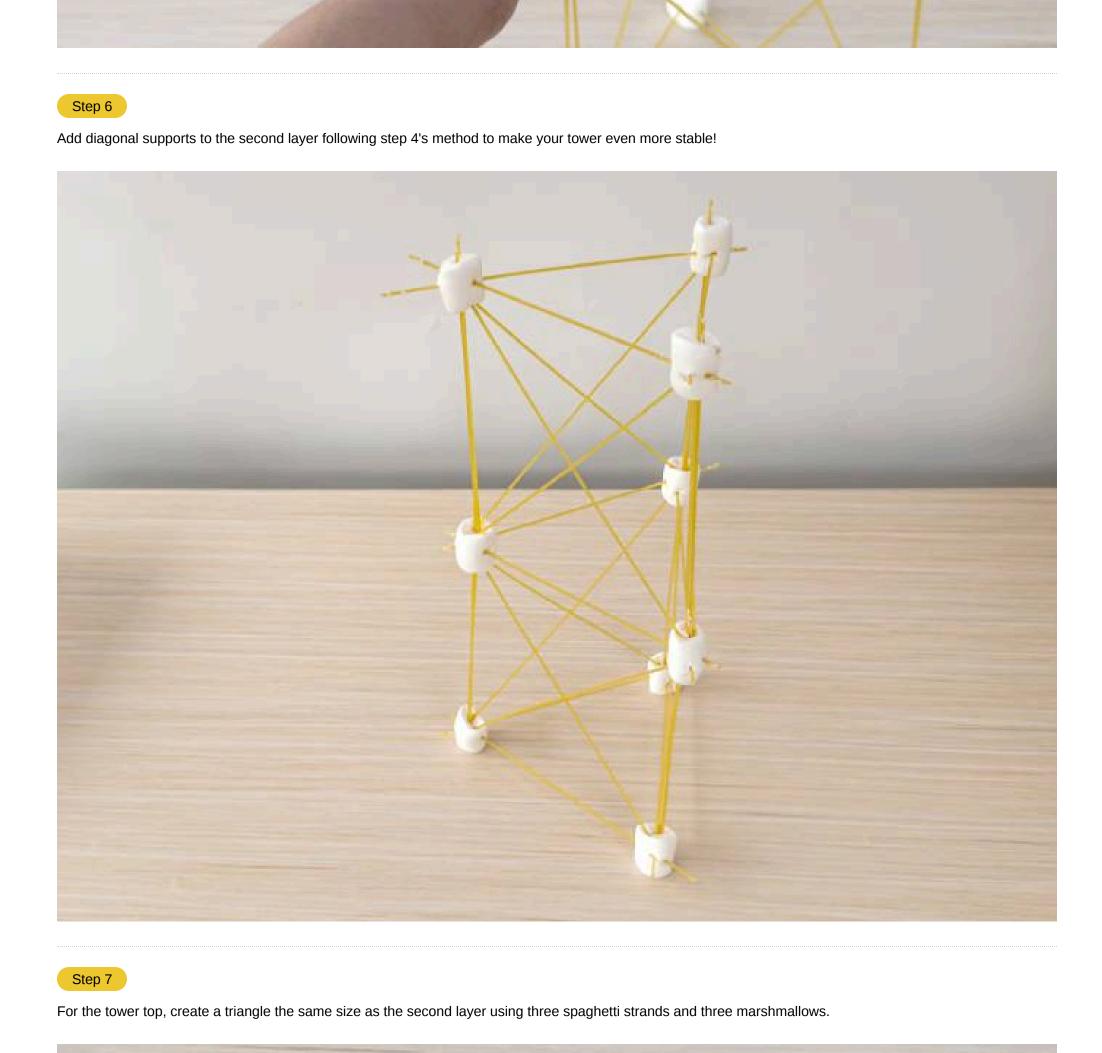
Use 9 equal-length spaghetti strands and marshmallows to create 3 identical triangles. Gently push the edges to feel how stable triangles are.

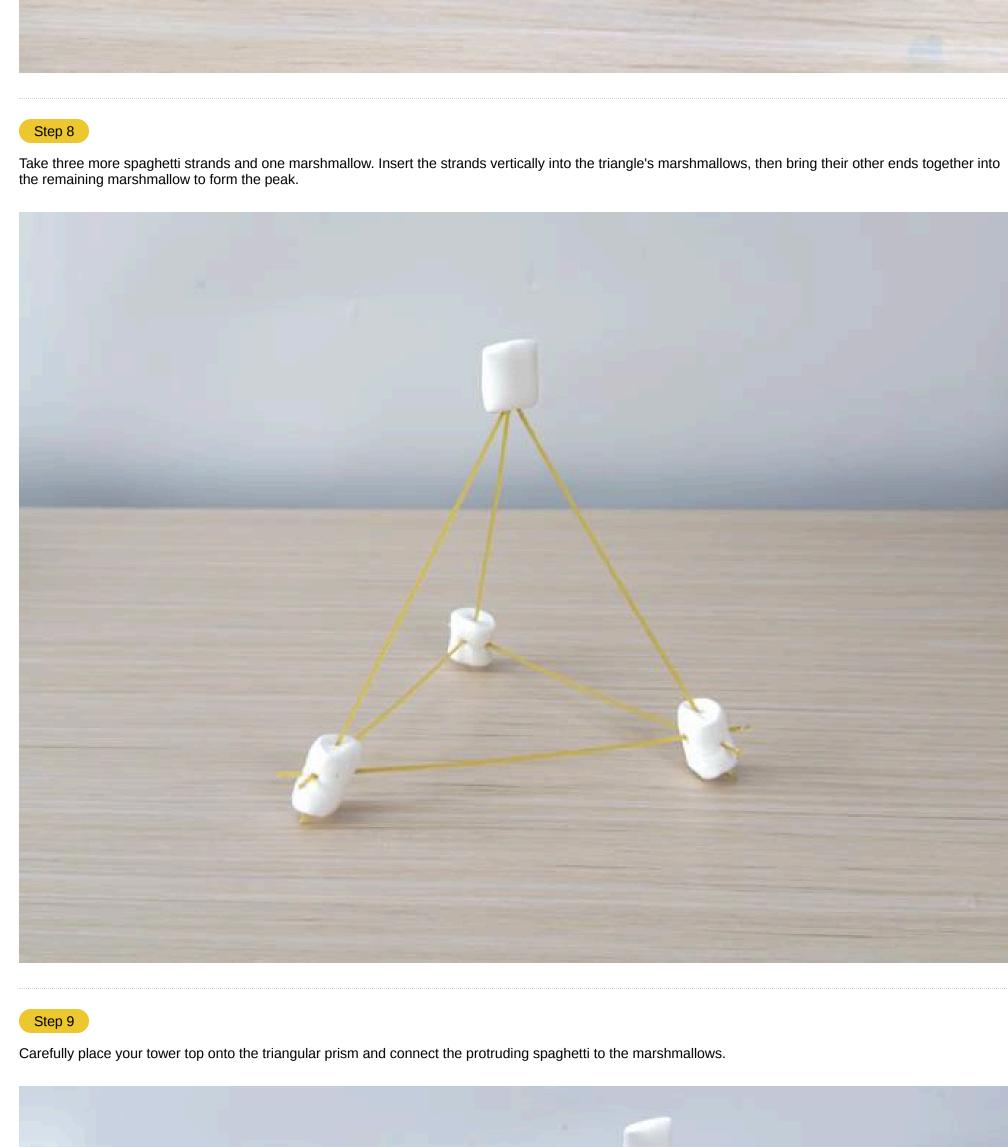


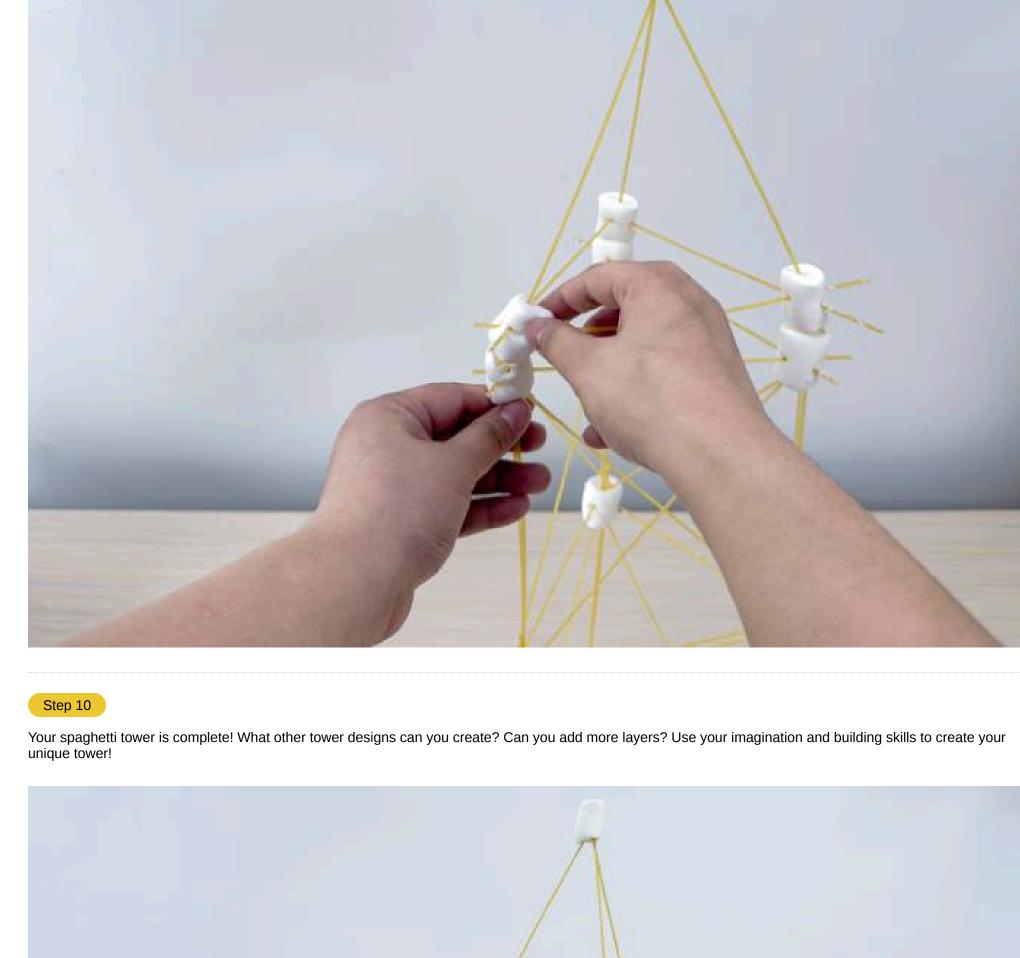


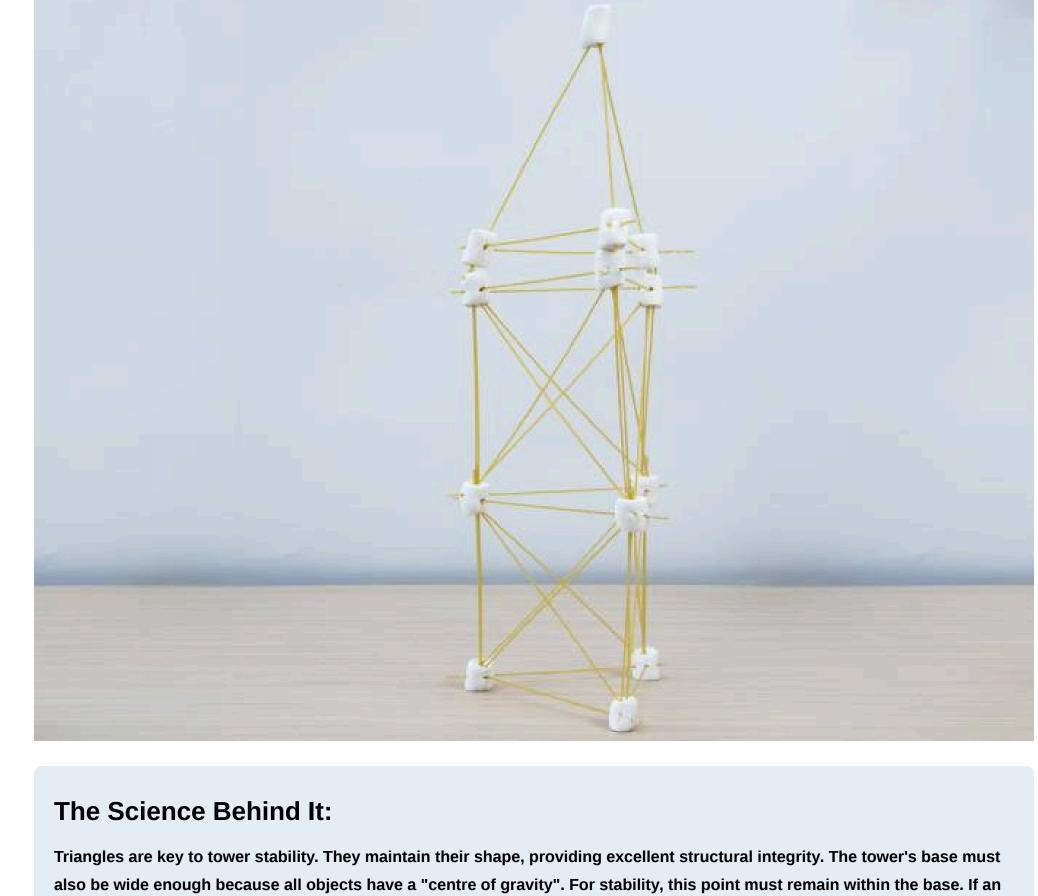












object tilts too much and its centre of gravity moves outside the base area, it will collapse.