

PAPER TOWER DESIGN CHALLENGE

Today, you will be working as civil engineering teams to take on a design challenge to construct a model tower using only a few sheets of paper, tape, and scissors. With **only** these supplies, your team will have one class period to complete this design challenge.

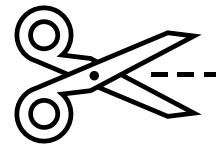
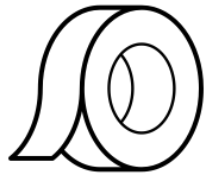


Image Source: Ben Dumond, 2015,
https://unsplash.com/photos/VedK8_UlmkY

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Make sure to follow each step and answer each question in your Paper Tower Worksheet!

Your team's tower must be:

- **Tall** - as high as you can build it
- **Stable** - to withstand a wind load in a hurricane-prone region
- **Freestanding** - it cannot be attached or secured to a table, wall, floor, furniture, etc.

Materials per team:

- 3 sheets of construction paper
- 24 inches (60 cm) of tape
- 1 pair of scissors

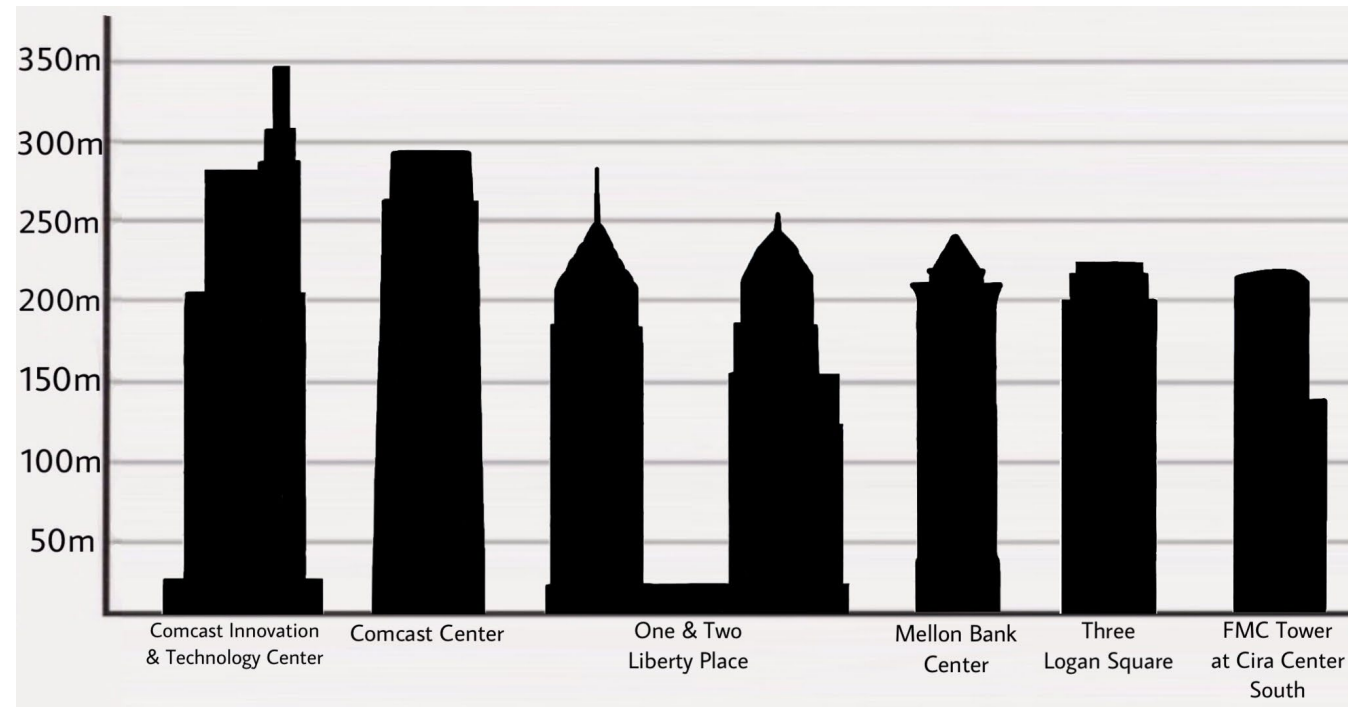


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