

TOWER CHECKLIST 2025

- GOGGLES! (does not have to be chemistry goggles, can be impact glasses)
- Your complete tower (no alterations at the event!)
- Bring an estimated load supported (could break a tie!)

TOWER PARAMETERS - HIGH SCHOOL

- Only 3 points of contact with testing base, each of which must be in their own quadrant.
- Must span a 20x20 cm opening.
- Must hold the loading block at the top, which has a 5x5 cm face.
- Bonus points are rewarded if the tower only makes contact with the test base outside of a circle drawn with a diameter of 29cm.

TOWER PARAMETERS - MIDDLE SCHOOL

- Must span a 20x20 cm opening.
- The loading chain is suspended within 2.5 cm of the center of the opening in the Test Base.
- Must support the loading block a minimum of 50 cm above the Test Base

- The portion of the Tower more than 25 cm above the Test Base must pass 8.0 cm ring gauge.
- Bonus points are rewarded if the tower only makes contact with the test base outside of a circle drawn with a diameter of 29cm.