## DESIGN <br> CHALLENGE \#1

 Water Tower
## Design Brief

o Problem: How can we design strong yet inexpensive structures to support objects?

- Criteria: Platform must support the mass of a full water bottle in a stable position as far above the table top as possible
- Constraints: Final design must use only two $81 / 2 \times 11$ sheets of paper; you have 10 minutes.

