

Mystery Design Competition

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Objective:

Given limited resources, and a time constraint, design & construct a truss able to support the greatest amount of weight, with the lowest consumption of resources. The team able to support the most weight, with the highest overall score wins.

Rules:

- You have 30 minutes to complete your design
- Only items inside the bag may be used for construction
- All projects must be turned in at the time limit
- Teams will have two (2) minutes to place the weights on their truss
- The truss must stand, unaided for a minimum of five (5) seconds for the points to be awarded
- No team member may support the truss once the load is placed

Points:

Paper:	-100 / Sheet
Paper Clips:	-50 EACH
Straws:	-40 EACH
Tooth Picks:	-10 EACH
Tape:	-20 EACH

Fluids Textbook:	100
Statistics Textbook:	100
Mechanics Textbook:	110
Thermodynamics Textbook:	120
Antenna Theory Textbook:	150