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Popsicle Stick Bridge Building Contest

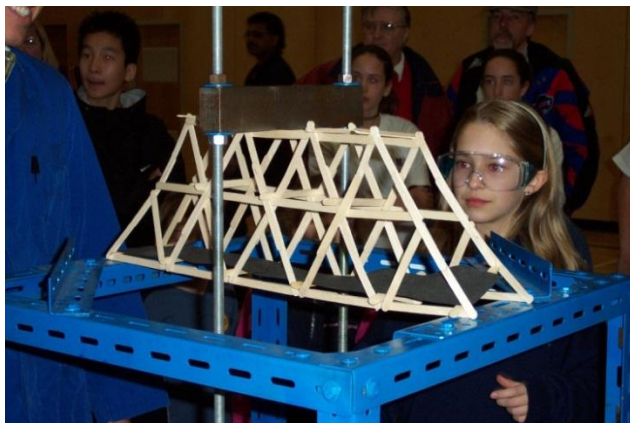
2012 Contest Rules

Bridge Construction and Testing:

1. Each participant, or team, will work with approximately 150 popsicle sticks and a sheet of construction paper.
2. The finished bridge shall be built from a maximum of 100 wooden popsicle sticks using white all-purpose glue (e.g. LePages Bondfast).
3. Popsicle sticks must be left whole.
4. A sheet of construction paper is to be used for the deck of the bridge, cut to fit the bridge design.
5. The bridge deck must be capable of having a matchbox car rolled across it. The car is approximately 35mm wide and 15mm high.
6. The bridge must clearly span a 500mm gap as it sits on supports at either end.
7. A load is applied at the top of the bridge, near the center, using a loading plate.
8. A testing machine measures the load as the bridge fails.

The Contest:

1. Entrants may be either teams or individuals.
2. The winning bridge is that which holds the largest load before breaking.
3. The bridges will be weighed before testing. In the event of a tie, the lightest bridge will be declared the winner.
4. Prizes will be awarded to the bridge with the highest load at failure.



5. Bridges are to be ready for testing on the day of the contest. Bridges will be broken as a result of the testing.
6. To register, please go online to www.apeg.bc.ca/fv, entry fee is \$5 per individual or team.
7. Official kits are available now and through to February 23rd.
8. Good Luck!