Paper Bridge Building Contest

SWSC Science Competition 2012 - 2013

Sponsored by Carl Sandburg High School, 13300 S. LaGrange Rd, Orland Park, IL 60462

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Description:

To build a paper bridge using only limited quantities of computer paper and masking tape.

Teams & Team Limits:

Work individually or in teams of two. A maximum number of 6 teams will be allowed to compete per round. A limit of 2 teams per school will be allowed to compete per round.

Rules:

Use up to five pieces of computer paper and 50 cm of masking tape to create a self-supporting bridge. Cylindrical flat masses will be placed on top of the bridge to test the bridge. Therefore, the bridge must be open on top to support these masses. **The bridge will be suspended across textbooks a distance of 7 inches apart and at least 3 inches off the table to give it height off the desk**. (Tape and paper will be provided.) Students will have up to 30 minutes to construct their bridge. The remainder of the time will be used to test the bridges.

Scoring & Tie-Breaker:

The bridge that supports the most mass will be declared the winner. In the event of a tie, the team who constructed the bridge in the least amount of time will be declared victorious.



http://okbridges.wkinsler.com/technology/index.html