



Paper Tower Building Contest

OBJECT: Construct a freestanding tower of maximum height using a single sheet of paper and 30 cm of transparent tape.

TEAMS: A team will consist of two to three students. The number of teams will be limited to the first 30 arriving at the contest site and remaining in line. No one other than those actually constructing the towers will be permitted in the construction area during the contest. No team or team member will be admitted after the event is started. No team member may leave his or her assigned area during the competition and no one may enter the area during the competition. An observation area will be available.

APPARATUS: Each team will be supplied with one sheet of copy paper (21.5 x 28.0 cm) and tape on arrival at the contest site. Construction aids such as scissors and 30 cm rulers will be available to use by the participants. No other construction aids or material other than those supplied may be used or brought into the construction area.

COMPETITION RULES: (Limited to 30 teams of no more than 3 students)

1. The towers will be built from floor level, not on tables.
2. Each team must complete the construction of its tower within 30 minutes. Time will start upon receipt of the materials.
3. The sheet of paper may be cut into pieces and reassembled as desired. Parts may be rolled, folded or slit. The paper may not be soaked, painted or otherwise treated to add rigidity.
4. Tape is to be used to fasten parts of the tower together. It may not be used to attach the tower to the floor or any other object. Excess tape may not be used to extend the height.
5. A tower shall be declared freestanding if it remains self-supporting for more than 10 seconds. (This is not a point of arbitration but will be solely determined by the judge or his/her appointed aide.)
6. The team must inform the judge several minutes prior to the completion of their tower to allow proper time for measurement.
7. Height is determined by measuring the perpendicular distance from the highest point of the tower to the floor. (Towers must be still standing when measured.)
8. Measured towers are not to be destroyed beyond recognition or removed prior to the completion of the competition.
9. The highest tower will be declared to winner with the rest of the competitors ranked accordingly.
10. If a team decides to build its tower higher after being officially measured, only one additional height will be measured.
