

Name:

Date:

Class:

Competition Rules

Description

Competitors build the tallest possible towers using only plastic drinking straws and tape.

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| Event preparation: | Practice for competition |
| Grade level: | Grades K-3 (determined by oldest member) |
| Team size: | 1-2 students per team |
| Maximum number of entries: | Unlimited |

Materials

- M.1 50 non-bendable plastic drinking straws (provided at the competition)
- M.2 1 meter of masking tape (provided at the competition)

Competition Rules

- R.1 Only the provided materials, described in M.1 and M.2, may be used.
- R.2 Competitors have 30 minutes to build their towers. Towers may be rebuilt any number of times during the construction period, but no work may occur after.
- R.3 Towers must be free standing, only touching the flat surface they are built upon.
- R.4 Any straw touching the flat surface may be taped to the surface.
- R.5 Tape may not be used as “rope” or to reinforce the straws outside of straw-straw joints.
- R.6 Straws may be bent or fitted inside each other, but they may not be cut.
- R.7 Students may stand on desk chairs to aid construction.
- R.8 When requested, or after 30 minutes, the judges measure perpendicularly from the flat surface to the highest part of a straw. Judges also record the number of unused straws. Only one judge measurement is permitted.

Scoring and Awards

- S.1 Awards are given for the tallest towers.
- S.2 In the case of a tie, the tower with the fewest numbers of straws wins.