

Off The Wall Instant Challenge

Your challenge is to build a structure that is attached to a wall at one end and is as far away from the wall as possible at the other end. You will earn points for how far off the wall your structure reaches.

Materials

Two Mailing Labels

Two Paper Clips

Two Rubber Bands

Two Pieces of Twine

Two Pieces of Tin Foil

Three Drinking Straws

Two Paper Plates

One Pair of Scissors (can only be used as a tool not as part of the final solution)

Rules

- The structure must touch the wall in at least one place on the wall inside of the marked area
- The structure may not touch anything other than the marked area of the wall
- To be counted all parts of the structure must be connected to other parts of the structure
- The structure must support itself for at least 15 seconds to receive points for distance
- Team members may not touch the structure once time is called
- Team members will have two minutes to discuss strategy prior to building, during these two minutes team members may not touch the materials
- Team members will have four minutes to build after the two minute strategy session ends

Scoring

- The team will receive two points for each inch away from the wall the furthest end of the structure is for a maximum of 60 points, the distance will be measured horizontally off of the wall
- The team will receive a maximum of 20 points for creative use of materials
- The team will receive a maximum of 20 points for teamwork