

Straw Tower Project

Materials:

- 20 Straws regular drinking straws
- All 20 must be used
- straws can be cut if desired
 - ~ 2 ft. masking tape
 - ~ Scissors
 - ~ Ruler

Objective: Must make a straw tower that is at least 18 inches tall. Must incorporate the shapes:

At least one Triangle

At least Arc

At least Quadrilateral

and support a baseball.

Grade:

A = 18" Tall, have a triangle, arc, quadrilateral and hold a baseball for 10 + seconds

B = 18" tall, have a triangle, arc, quadrilateral and hold a baseball for 4-9 seconds

C = 18" tall, have a triangle, arc, quadrilateral and hold a baseball for 1-3

D = 18" tall, having two of the three shapes and does not hold ball

F = Not completed

Class Guidelines: (*Earn or lose daily points*)

- Use *appropriate* class behaviors.
- Work only with *your group* at your assigned worksite.
- Get *permission* to leave station.
- Observe all *safety* issues especially sharp points & cutting tools.
- *Clean up* your area and throw away scrap materials at the end of each class period.

Turn in to Instructor before getting materials.

Class Hour _____

Group # _____

Team Member Names:

1. _____

2. _____

3. _____

4. _____

Class One point per Category = 1 letter Grade	1	Triangle	Arc	Quadrilateral	Trial 1 Seconds Held
Behavior		Y/N	Y/N	Y/N	Time _____
Participation					
Safety					

Grade: _____

A = 18" Tall, have a triangle, arc, quadrilateral and hold a baseball for 10 + seconds

B = 18" tall, have a triangle, arc, quadrilateral and hold a baseball for 4-9 seconds

C = 18" tall, have a triangle, arc, quadrilateral and hold a baseball for 1-3

D = 18" tall, having two of the three shapes and does not hold ball

F = Not completed