



Engineering Day 2021

Penny Boat

Goal:

Create a boat using aluminum foil that will hold as many pennies as possible without sinking.

Rules/Judging:

1. Students may compete as a group of 2 or 3.
2. Groups will be given a piece of aluminum foil that measures approximately 7"x12".
3. Groups must construct a boat within 5 minutes.
4. Boats will be tested in a tub of water; one by one, pennies will be added to the boat in 4 second intervals to determine maximum number of pennies that can be held before the boat sinks.
5. Any water entering the boat is considered sinking.
6. The group that constructs the boat that holds the most pennies wins.