

Family Challenge

Foil Boats

Criteria: Create an aluminum foil boat that can hold as many pennies as possible without sinking or capsizing.

Constraints (limitations):

These are the items you can use:

- 14 inches of aluminum foil
- pennies
- water that is at least 6 inches in depth



Iterations (retrying): Retry the challenge to see if you can improve your design and hold more pennies.

Share: Email a picture of your design or outcome to jlauriat@wheatonchristian.org.

Extension: Try using different coins, pennies, nickels, dimes, and quarters, to determine the highest amount of money your boat can hold without sinking or capsizing.