

The Magic House Proudly Presents ***Magic at Home!***



Design a Boat to Float

Materials Required:

- Foil
- Pennies
- A container or a sink filled with water

Can you design a boat to hold five or more pennies?

Instructions:

1. Use foil to create a boat that floats. What shape do you think would float best?
2. Test your design! Does it float? What improvements are needed?
3. Try adding one penny at a time to your boat. Can you think of a way to improve your design so that it might hold more weight?
4. Try creating a boat using different types of materials (cardboard or Styrofoam), what design features work best?



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