

Learn about: How to write a science experiment

Boat Design Challenge

You are going to make three boats out of different materials and test to see which ones float, then try to explain why!

Preparation:

Gather boat-making materials e.g.

- Sponges
- Styrofoam (Large Pieces or Cups, Bowls, Or Small Plates)
- Wood Scraps
- Cardboard Scraps or Small Boxes and Lids
- Egg Cartons
- Paper Tubes and Straws
- Foil Wrap
- Plastic Containers
- Variety of Paper
- Child Safety Scissors
- Glue and Tape
- Water Table or Large Basin
- Coins/Counters

Prediction:

Out of all the materials you've collected, which do you think will make the best boat?

I think _____

will float best because _____

Materials:

Which materials did you use?

Method:

What method did you use?

For example: We collected all the materials we needed to make a boat.

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Results:

Fill in the table

Material	Did it float?	How many counters did it hold?

Analysis:

What did the results show? Why?

Conclusion:

What happened in your experiment? What could you do differently next time?
