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May you be blessed on your homeschooling journey. Happy learning!

Marie

How many marbles until your boat sinks?

This simple recording data sheet is an easy way to take a fun hands-on STEM activity and turn it into a science lab. Have your child make a prediction about what boat they think will hold the most marbles. Encourage them to make a mark or circle the boat # they think will win. Discuss their reasoning. Now, let's sink our boats! Your child can record the # of marbles each boat holds by using tally marks in the box. Once the boat sinks, add up the tally marks and write the sum of the total # of marbles each boat held. Was your prediction correct? Did it hold more marbles than you anticipated? Great time to talk with our student about your data. Ask questions. Was there a boat that surprised you? If we were running a true experiment, could you identify the manipulated and responding variables? Happy learning!

How many marbles until your boat sinks?

Put your aluminum boat in water. Easily add one marble at a time making sure to record your data using tally marks. When the boat sinks, add up the tally marks and write the sum of the total # of marbles each boat held.

Boat 1:

Boat 2:

Boat 3:

Boat 4:

Boat 5:

Boat 6: