

Expanding...

Make another boat and try the activity again.
Did your boat hold more coins this time or less? Draw a picture of your new boat.

Student Name: _____

Teacher's Name: _____

Due Date: _____

Partner's Name: _____

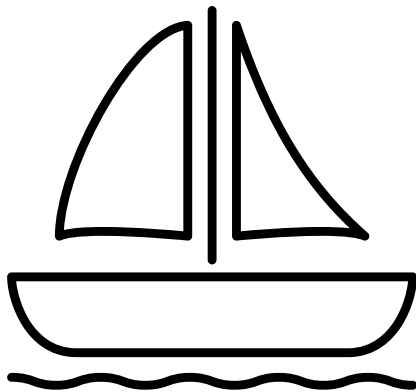


The Science Alliance of Tennessee, a coalition of 6 Science and Children's Museums, aims to foster children's curiosity, wonder and problem-solving skills using STEM curricula and community connections that set students on a positive trajectory of learning where they live and play. This project, the Tennessee Rural Impact Project (TRIP), was made possible in part by the Institute of Museum and Library Services.



Let's Explore

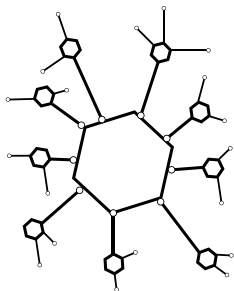
Science Experiment: Float your Boat



Exploring...

Density

There are tiny particles in everything. Density is how tightly packed an object is with particles.



Some items have less particles and can float on water. If something is less dense than water, it floats.

What to do

Floating Boat

With a partner, find the following:
Tinfoil, pennies, and a large bowl.

1. Fill the bowl with water.
2. Make a boat out of the tinfoil.
3. Put pennies into the boat, one at a time, until the boat sinks.
4. Write how many pennies the boat could hold.

