BUILD A BOAT
Try out these challenges to see if you can make a boat that can float!

Big Idea:
Explore the concept of sink and float through experimentation and engineering.

Materials:
- Aluminum foil
- Pennies
- Assorted recycled materials
- Rubber bands
- Container with water
- Duct Tape (optional)

Directions:

Challenge 1:
Build a boat with one sheet of aluminum foil. Put it in some water to see if it floats. Add pennies one at a time to see how many pennies your boat can hold.

Challenge 2:
Build a boat with recycled materials from your house. Think about what type of materials sink and float. Does your boat float? How can you improve your boat design?

Challenge 3:
Now let's get your boat moving! Try adding a sail or a propeller! How fast can your boat go?

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