

## THE CHALLENGE:



Summer gives us so many opportunities to explore and discover. Water worthy vessels have a long history of exploring and sailing our seas. They come in all shapes and sizes and have a variety of interesting features. There are sailboats, houseboats, rafts, catamarans, pontoons, yachts, canoes, and so many more!

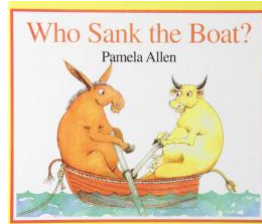
Your challenge this week is to design and construct a model boat that is sea worthy and resistant to capsizing.

~ STEAM TEAM ~  
Create, Test, Improve

## Learning Activities

### Language Arts:

Click [Here](#) To listen to the read aloud Who Sank the Boat?



Write a procedural piece of writing on how you built your own boat.

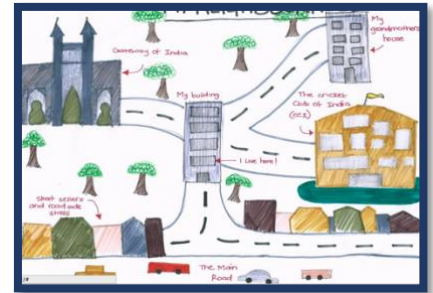
Start your piece of writing with the words: First, Next, Then, After That, Finally.

Did your boat float or sink? Make sure you include detailed pictures and sentences about your creation.

### You and Your World:

Make a list of places you would like to go visit in your community this summer.

Draw a map of your community, include streets, parks, buildings and houses. Label the places you will visit this summer.



### Numeracy:

Build a simple boat out of tinfoil you can test in your sink. First, test if your boat will float with no weight on it, then try adding weight. Can your boat hold 1 nickel, 2 nickels? Share on Facebook @STEAM in ASD-N or Twitter @STEMNorth. We would love to see how much weight your boat can hold!



**Art:** The letters of the alphabet are hidden everywhere but it takes an artistic eye to find them. Try to discover and photograph some letters in trees, on buildings, on the ground, etc.

Can you find all 26 letters? Once your photos are taken, try combining them to make a word that is meaningful to you!



## Summer Checklist



- Build a fort in the woods around your home
- Have a [camp-out](#) in your backyard
- Try a [star gazing activity](#) on a clear night
- Check [Brilliant Labs](#) and [Science East](#) for fun, educational activities
- Create a summer business selling homemade items