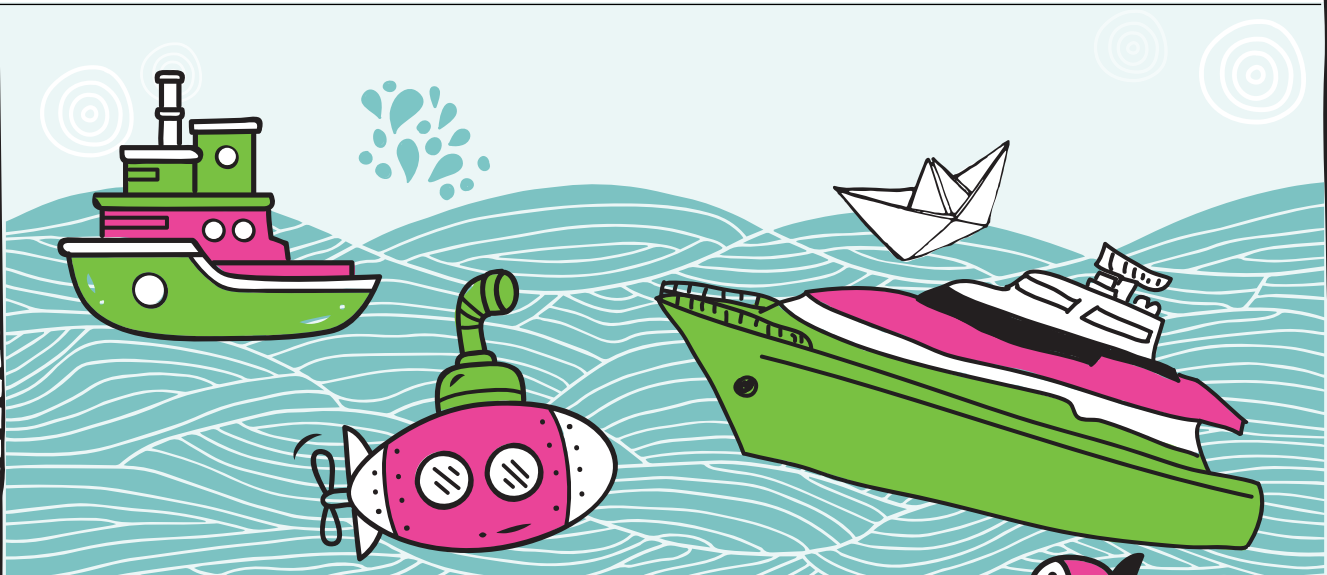


BOAT FLOAT

ACTIVITY

Children are naturally curious – that’s why they ask so many questions!
Encourage your child’s curiosity with activities that help explain the way their world works.



INSTRUCTIONS

- Mold the tinfoil into boat shapes**
- Add weights**
- Place boats in water to see if they float**
 - If they do, add more weights until they sink
 - If they don't, take out weights until they float
- Experiment with different sizes and shapes of boats**
 - Can larger boats hold more weight before sinking?
 - Do certain shapes float better?
- Use these fun facts to talk about what's happening!**
 - The boat pushes water away, and the water pushes back
 - Boats actually sink until enough water has been pushed away to match the boat's weight
 - Boats float at different heights depending on how heavily loaded they are
 - To float, it doesn't matter how big the boat is, it matters how dense it is
 - Boats float higher in sea water than in fresh water because of the salt



MATERIALS

- Tin foil
- Weights – pennies, pebbles, etc.
- Water vessel* – bowl, cooler, bath tub, etc.

*Never leave your kids unattended around water