

Tin Foil Boats



Post a picture of yourself with your columns on Facebook and tag Worlds UNBound to be entered into a draw for a FREE week of camp. Let us know how your experiment turned out!

Materials

Tin foil
Pennies/coins
Bucket and Water
Tape
Straws
Coffee Filters
Paper



This week's theme is to be an engineer. Today you get to become a marine engineer. A marine engineer is someone who designs, builds, tests and repairs ships, boats, underwater craft, offshore platforms, and drilling equipment. They often work closely with naval architects to design everything from small yachts and fishing boats to submarines and aircraft carriers. It is your turn to design a boat that will float in the water!

1. Using the materials above come up with a plan as to how you can build a boat. A marine engineer works in research developing blueprints so before anyone starts building it is important to develop a plan on paper. Be creative with your ideas and try to make it resemble a certain type of boat (ex: sail boat, fishing boat, yacht).
2. Once your plan is complete, it is time to build your boat using only the resources mentioned above. Remember there is no rush to finish your boat, take your time, play around to see what works best.
3. Now that your boat has been built, it is time to test its sturdiness and durability in water. Fill a bucket/bowl/tub with water. Find some pennies or any coins laying around the house. Place your boat into the water and one at a time count how many coins you have put in. Remember your number and compare with your siblings/friends who have also done this activity!
4. When you are done take a picture of yourself with the boat and post it on Facebook tagging Words UNBound. We will place you in a draw for a FREE week of camp. Let us know what materials you used, and how many coins you put in before it sunk!
5. Most importantly, HAVE FUN!

Thank you for participating!
We hope you enjoyed this activity.
Check out our next activity of FRIDAY!