

Does it Float?

How does a boat float? When large boats carry heavy loads of cargo, how do they keep from sinking? With spare materials around your house, see if you can create a boat that supports cargo. Think of the important features a boat needs in order to float.

Materials:

Misc. Supplies
(Foam, sponge, cardboard, etc.)

Medium-Sized Container
Weighted Objects

1. Fill a medium-sized container half full with water.
2. Gather scrap crafting supplies that you think are suitable for your boat's construction.
3. Gather weighted objects for your cargo load.
4. Assemble your boat. Use your imagination to create a vessel that will work best for you and your cargo.
5. Place your vessel in the container of water and slowly begin to add your cargo.
6. Does it float? If not, how would you build your boat differently? Try collecting new materials and cargo to see what works best!

