

K-2: CORK SAILBOATS

Related academic subjects: fine arts, history, mathematics, science



1. Rubber band three equal-sized wine corks together at each end.
2. Fold a scrap of colored paper in half.
3. Beginning at the fold, cut a triangle with a 1" base to form a sail.
4. Decorate your sail with crayons or pens.



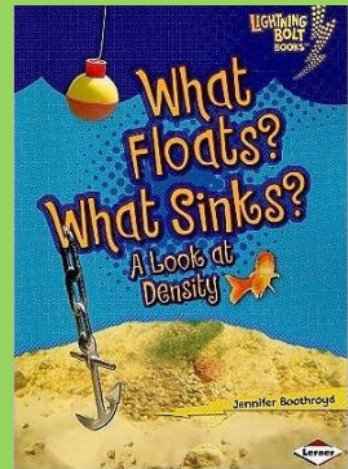
5. Put a line of glue along the inside edges of your sail.
6. Fold the sail around the top of your toothpick.
7. Stick the toothpick into the middle of the second cork.
8. See whether the boat will sail or float in a container of water. Experiment to see what else sinks or floats.

MATERIALS:

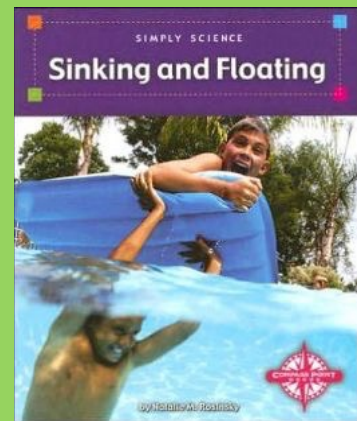
1. colored paper scraps
2. crayons or pens
3. glue
4. rubber bands
5. scissors
6. toothpicks
7. equal-sized wine corks



BOOKS:



[What Floats? What Sinks? A Look at Density, by Jennifer Boothroyd](#)



[Sinking and Floating, by Natalie M. Rosinsky](#)

VIDEOS:

[Density and Buoyancy: Testing Liquids, by PBS Learning Media](#)

[How Does Buoyancy Float a Boat?, by PBS Learning Media](#)

