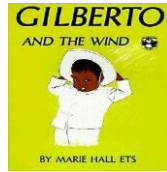




Let's Find Out About It: Sink & Float

Standards:

ELA.SL.CC.PS.1 - 3
S.PS.PS.3



Materials:

- *Gilberto and the Wind*
- variety of materials for testing buoyancy
- clear plastic bin or bucket
- chart paper
- marker
- sample child's sailboat
- sample child's clay boat

Vocabulary:

- sink: go under water
- float: stay on top of water
- buoyant: how well something floats

Preparation: Draw a grid on the chart paper with two columns, one for 'sink' and one for 'float'. Make a row with a quick illustration for each material that will be tested. Fill clear plastic bin with 4-5 inches of water. Set up materials at the whole group meeting area.

Let's Find Out About It:

"In *Gilberto and the Wind*, the wind blew Gilberto's sailboat."

"You sailed boats in the Discovery Table."

"It is important for boats to **float** near the top of the water- if a boat starts to **sink**, or go down into the water, it will get too wet and it won't be able to move. If there are people on the boat, they might get wet."

"Today we will conduct an experiment to find out if materials **sink** or **float** when we put them in water. Remember, **float** means when something stays near the top of the water. **Buoyant** means something floats very easily. **Sink** means when something goes down to the bottom of the water."

Show illustration.

Show child's sailboat and child's clay boat.

Demonstrate floating child's sailboat in bin with water. Guide children to see how it is floating on the top or near the top of the water.

Show sample materials. Point to chart paper.

"We will record our results on chart paper. First we will test _____."

"How does it feel? What do you notice?"

"Do you think it will sink or float when we put it in the water?"

"Why do you think the _____ sank/floated?"

"I will record our results on our chart paper."

Pass item around circle and let children feel it.

Children respond.

Children respond.

Place material gently in the bin filled with water.

Children respond.

Place a check or tally mark in the box on the chart paper that corresponds to the material and whether it sank or floated. Continue until all materials have been tested.