



PATIO PLAY – SCIENCE

Play outside with water and bubbles.

This week's activities: Bubble Snake – Sink or Float

Bubble Snakes

Suggested Materials:

- Plastic bottle
- Sock
- Elastic band
- Dish soap
- Water
- Dish
- Measuring cup
- Scissor

Directions:

1. With help from a grown-up, trim the bottom of the bottle using the scissors.
2. Next, place the sock over the bottle, but leave the mouthpiece of the bottle uncovered.
3. Use the elastic band to secure the sock onto the bottle (so that it doesn't move)
4. In a small container add a good squeeze of dish soap and add half a cup of water. You can try various measurements to get the right bubble consistency you'd like.
5. Place the bottom of the bottle in the bubble mixture and blow through the mouthpiece of the bottle to make bubbles.

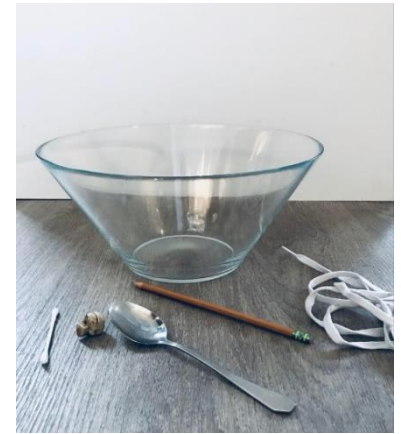


Sink or Float

Will it sink in water, or will it float? Make your best guess then test your predictions in your sink, bathtub or in a large bowl.

Suggested Materials:

- Container of water (sink, tub, or bowl)
- Water
- A printed Sink or Float worksheet
- Small objects from around the house

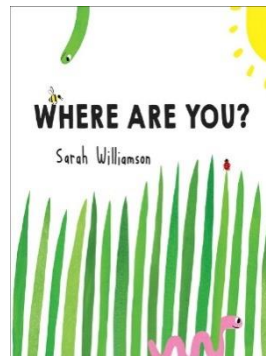
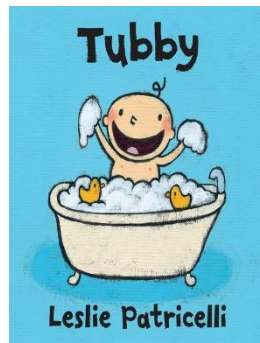
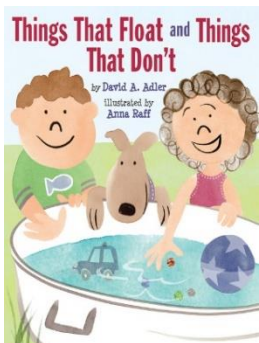


Directions:

1. Guess what will happen with each object – will it **SINK** or **FLOAT** in the water?
2. Drop the objects into the water one at a time and watch what happens. Did you guess correctly? Circle **SINK** or **FLOAT** for each object on the sheet.
3. Draw the object in the water. Was it at the bottom (**SINK**) or at the top (**FLOAT**)?
4. Search your house for more objects to test.

Links to eResources:

Check out our [eBooks](#) on these topics:



[Water Science](#) | [Bubbles](#) | [Snakes](#)

Why are bubbles round? Why do some things sink and others float? Find out in Episodes 26 & 27 of *Earth to Luna!* on KanopyKids.

You can get a library card hpl.ca/online-registration.

If you would like to share one or all your creations, please take a picture and post it to social media using the hashtag, #HPLmakesomething.



#HPLmakesomething

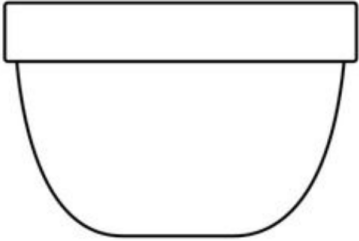
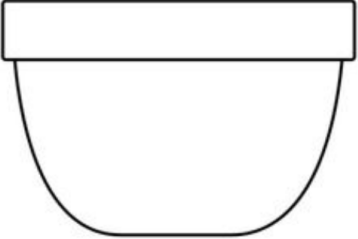
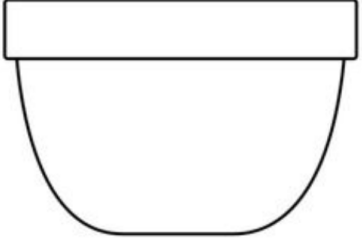
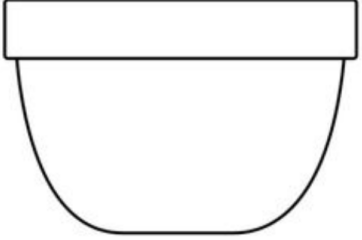
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SINK OR FLOAT WORKSHEET



Scientist Name: _____

OBJECT	GUESS: WILL SINK OR FLOAT? <i>(circle one)</i>	WHAT HAPPENED? <i>(circle one)</i>	DRAW IT <i>(Draw what happened)</i>
PENCIL OR PEN	SINK / FLOAT	SINK / FLOAT	
SPOON	SINK / FLOAT	SINK / FLOAT	
ROCK OR PEBBLE	SINK / FLOAT	SINK / FLOAT	
_____ _____	SINK / FLOAT	SINK / FLOAT	
_____ _____	SINK / FLOAT	SINK / FLOAT	