



Stay at Home Science

STEM on the Fridge – A Week of Water

Monday:

Float or Sink

Test to see if different items will float or sink in the bathtub or kitchen sink. Make a prediction before you test each item. If you have salt on hand, see if increasing the salinity of the water has any effect on how buoyant your items are.

Tuesday:

All About Boats!

See if you can make a boat out of LEGO® or other building pieces. Can you get your boat to float without tipping over? Can you add any passengers?

Wednesday:

Build a Bridge!

If possible, go outside for this one and try to build a bridge across a stream or puddle from found materials. Indoors, you can fill the sink or bathtub and see if you can construct a path across out of plastic building blocks or other materials.

Thursday:

Color Mixing

Fill three jars with water. Add food coloring so you have a jar of red water, yellow water and blue water. Grab other jars and mix colors together, in differing amounts, to see all the different colors you can create.

Friday:

Bubble Time!

There are lots of awesome bubble recipes out there. Check out Imagination Station's favorite recipe on our website. Make your hand soapy to see if you can touch a bubble. Construct a cube out of K'Nex® and see if you can create a square bubble. What different materials can you use to make bubble wands?

