



### Garden Soup

Ages: Pre-K+

Pick and dig ingredients, mix them together, and see which float/sink/dissolve/etc.

#### Why?

This activity is a fun way to naturally feel the earth's elements and play with flowers, dirt, leaves and all the glorious textures and colors of our planet.

#### How to:

1. First you will need your tools and instruments (scoops, tongs, water pitchers, ladles, wooden spoons, measuring cups etc.)
2. Pick, dig and mix all your ingredients into a large bowl or jug (Get creative!)

#### Challenge:

Compare which ingredients float, sink or dissolve. Does changing the water temperature affect any of your ingredients?

[MountVernonWA.gov/SummerDiscovery](http://MountVernonWA.gov/SummerDiscovery)

# SUMMER DISCOVERY

## WATER WEEK 2



### Toss & Catch

All Ages

What you'll need:

1. Water balloons
2. Large space (back yard, open field area)

How to:

1. Fill desired amount of water balloons
2. Two players start close together and start tossing the balloon
3. With each toss, each player will step further apart to see how far apart they can get before the balloon pops

### Hydration Course

Ages: 2nd-5th Grade

Balance cup of water on head while completing an obstacle course

What you'll need:

1. Baseball bat or some sort of long stick
2. Four clear plastic bowls or buckets
3. Water
4. Rope or objects to indicate the start and finish lines

How to:

1. Start by setting up the start and finish lines
2. Set up two of the empty buckets or bowls at the finish line
3. Fill the other two buckets or bowls with an equal amount of water in each and place them at the start line
4. Each person takes turns filling their empty bucket of water by carrying the full bucket of water over their head
5. Before each person starts, they must use the bat or long stick to spin around 10 times for an added twist
6. The team that has more water in their empty bucket wins

Challenge:

To make this activity more difficult, players can create an obstacle course to run through while transferring the water above their head.



### More activities to try

Rock Candy: <https://www.quirkbooks.com//post/national-candy-month-how-make-rock-candy>

Rainbow Density Jar: <https://sweetandsimplethings.blogspot.com/search/label/Rainbows>

Salt Water Density: <https://www.sciencekiddo.com/salt-water-experiment-ocean-science/>

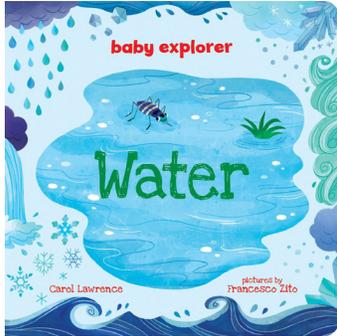
Walking Water: <https://www.coffeecupsandcrayons.com/walking-water-science-experiment-kids/>

# SUMMER DISCOVERY

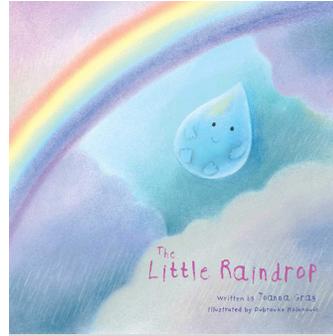
## WATER WEEK 2



## Library Book Picks



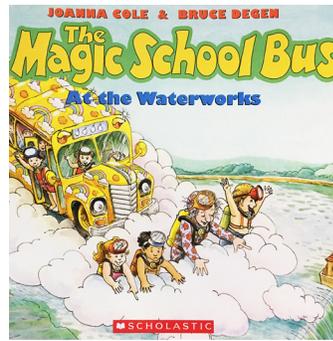
[Water](#)  
by Carol Lawrence



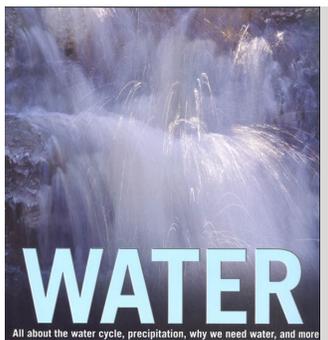
[The Little Raindrop](#)  
by Joanna Gray



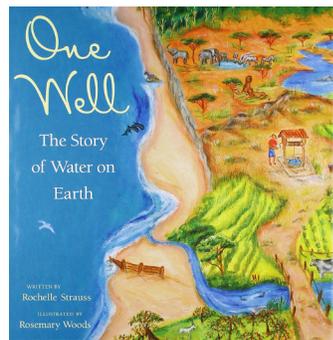
[Over and Under the Pond](#)  
by Kate Messner



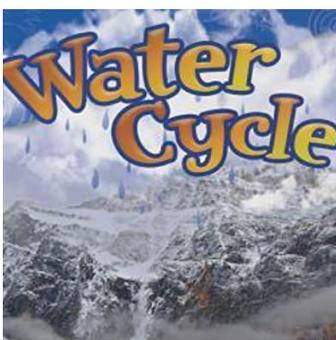
[The Magic School Bus at the Waterworks](#)  
by Joanna Cole



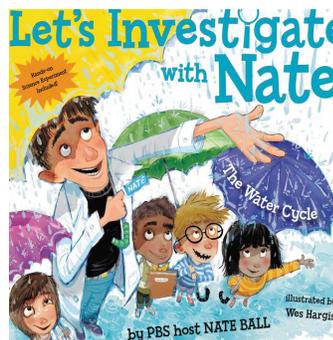
[Water](#)  
by Seymour Simon



[One Well: The Story of Water on Earth](#)  
by Rochelle Strauss



[Water Cycle](#)  
by Torrey Maloof



[The Water Cycle](#)  
by Nate Ball

# SUMMER DISCOVERY

## WATER WEEK 2



### Outrageous Ooze

All Ages

#### What you'll need:

1. Newspaper
2. Measuring cups
3. 1 cup of dry cornstarch
4. Large bowl or pan
5. ½ cup of water
6. Food coloring (optional)

#### How to:

1. Lay newspaper down on a countertop or table with your bowls and ingredients
2. Place 1 cup of cornstarch into your bowl. Slowly add ½ cup of water into your bowl with the cornstarch. Mix the 2 ingredients together with your fingers until all the powder is wet.
3. Keep adding water until the Ooze feels like a liquid when you're mixing it slowly. Then, try tapping on the surface of the ooze with your finger or a spoon. When Ooze is just right, it won't splash--it will feel solid. If your Ooze is too powdery, add a little more water. If it's too wet, add more cornstarch.
4. Play around with your Ooze!

### Skittle Water Art

All Ages

#### What you'll need:

1. White plate
2. Lots of skittles
3. Water

#### How to:

1. Start by arranging the skittles on the plate in your desired pattern or picture
  2. Gently pour the water onto the skittles over the plate. The whole plate should be covered.
  3. Wait and watch as the colors of the skittle will start to travel to create your artwork.
- Depending on the size of the art piece the process could take up to 10 mins.
4. Repeat to create a variety of different art pieces.



### Bedtime Math

Waterslide For Ducks

<http://bedtimemath.org/waterslide-for-ducks/>