

## THE CHALLENGE:



“Water, water everywhere, but not a drop to drink!” Humans need clean drinking water to survive. The water from our rivers, lakes, streams and oceans is all around us but it might have a few undesirable items floating in it. Everyone has a right to clean drinking water. Venture out in nature to collect some water from a local, natural water source. Take note of what your water looks like.

Your challenge is to build a water filtration system to turn dirty water into clean water! Tips can be found [here](#). Be safe and don't taste your water. Make visual observations and compare!

~Create, Test, Improve

## Learning Activities

### Language Arts

Can you build a word family out of sticks and rocks you find on a walk or around your house? A word family is a group of words that share a common ending. The “at” word family would have words such as: cat, sat. When you build your word family, have your mom or dad take a picture and send it to me. I would love to see them. You can find some fun videos on You Tube when you search word families by [Jack Hartmann](#).

### Math

What do trees, dogs and humans all have in common? They all need water! Our bodies have many important jobs to do and without water our bodies would not be able to work properly.



For one week, keep track of how many glasses of water you drink each day by using a pictograph. When you complete a glass of water, draw a glass beside the day of the week. What day did you drink the most glasses of water?

Glasses of Water per Day	
Sunday	☹ ☹ ☹
Monday	☹ ☹
Tuesday	☹ ☹ ☹ ☹ ☹
Wednesday	

### Art:

While you are at a water source, collect some interesting looking pebbles to bring home with you. Glue them onto some cardboard to create images. Looking for inspiration? Check out “Stepping Stones- A Refugees Family's Journey” [here](#).



### You and Your World

Have you ever heard the saying: Oil and water do not mix”?

Check out [this video](#) from Steve Spangler and try it on your own!



Accidentally releasing things like oil into our environment can have very bad consequences. Watch [this video](#) to learn ways to take care of our environment.