



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 ocean 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 or salty water into clean water! Tips can be found [here](#) or [here](#). Be safe and don't taste your water. Make visual observations and compare!

~ STEAM TEAM ~
~Create, Test, Improve ~

Learning Activities

Language Arts:




Can you build a word family out of sticks and rocks you find on the beach 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, bat, sat. When you build your word family, share it on our STEAM North page for us to see! You can find some fun videos on YouTube when you search Word families by [Jack Hartmann](#).

Numeracy:

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 week. What day did you drink the most glasses of water?

Glasses of Water per Day	
Sunday	
Monday	
Tuesday	
Wednesday	

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.

Art:

While you are at a water source, collect some interesting looking pebbles or sea glass to bring home with you. Glue them onto some cardboard to create images. Try making your family or some of your favorite animals. Looking for inspiration? Check out “Stepping Stones – A Refugee Family’s Journey” [here](#).



Musical Moments



There is always a story behind the lyrics of a song. Have your parents help you make a 5-song playlist of songs that have the word “water” in the lyrics. Check out our social media page for a performance of our water song playlist.