



WAVEMAKER CURRICULUM

DRINK LOCAL DRINK TAP (DLDT) is a nonprofit organization that inspires individuals to recognize and solve our water issues through creative education, events, and providing safe-water access to people in need. The lesson plans we've developed highlight our core mission by:

- Inspiring action through educational projects and programs.
- Activating you and your community by volunteering, fundraising, and hosting/participating in water-focused events and activities.
- Highlighting work with Ugandans to build safe, sustainable water sources in rural communities and refugee settlements.

WELCOME TO OUR CLEAN WATER FOR ALL UNIT!

This unit focuses on students gaining an understanding about water as a human right and issues we face in achieving clean water for all.

WHAT'S COVERED?

The lessons in this unit:

- Explore the importance of water as a human right, and what's needed to achieve this for human health.
- Emphasize the importance of human actions and choices in helping to solve clean water issues and achieve water equity, both locally and globally.

Topics include: clean water access, sanitation, water equity, water filtration, bottled water issues

ESSENTIAL QUESTIONS FOR THE UNIT:

What are the barriers to 'clean water for all' and how can I help overcome them?

THROUGH THESE LESSONS, STUDENTS WILL UNDERSTAND:

- The importance of the Sustainable Development goals (SDG), particularly SDG 6, which is about access for all to clean water and sanitation.
- How the different parts of water, sanitation and hygiene work together for human health.
- People face clean water and sanitation access issues in the U.S. and globally, and how some of these are being addressed.
- The importance of water filtration and how it works.
- The implications of the choices we make around bottled water vs. tap water.
- How individuals and organizations can change the lives of other humans for the better, as it pertains to access to clean water and sanitation for all, with an emphasis on work in Uganda.

THE 5 LESSONS:

THE FIVE LESSONS IN THIS UNIT CAN BE TAUGHT AS A COMPLETE SET OR INDIVIDUALLY.

Clean Water is a Human Right

Students learn about the Sustainable Development Goals (SDG), specifically SDG 6, which focuses on clean water and sanitation access for all. They watch and reflect on a documentary that highlights Drink Local Drink Tap's work to address this issue.

Intro to WASH - Water, Sanitation, Hygiene

Students develop an understanding of sanitation in different parts of the world by discussing how water, sanitation and hygiene work together to support good health.

We Have a Clean Water Problem

Students discuss water protection and access issues faced in the United States. They research and present findings related to community water systems, water equity issues and possible solutions.

How Do Water Filters Work?

Students discuss clean water access inequalities in the world, the importance of water filtration, and design their own filters.

Tap vs. Bottled Water

Students learn about bottled water and its problematic impact through research and documentaries. They take a stand on issues related to bottled water and discuss the importance of individual choices.



ABOUT THESE LESSONS:

Standards: These lessons are aligned to: Next Generation Science Standards, National Council of the Social Studies, and Common Core State Standards for English Language Art and Literacy, Framework for 21st Century Learning, Climate Literacy Principles, Water Literacy Principles. See our Overview Matrix for a listing of lessons and the standards to which they are aligned.

Timing: The suggested lesson duration included in the lessons can be used as a guide for how long they should take, as each classroom is different. Depending on the size and length of each class, these lessons can be taught in one sitting or over a few days.

Content: Many of the topics in these lessons can evoke an emotional response from students. Modify the lessons as needed to ensure they are appropriate for your students. Anticipate the questions and responses these discussions and activities may elicit.

SUPPORTIVE READING BOOK LIST :

Please refer to our book list for grade level appropriate supportive reading options.

WEBSITE SUGGESTIONS

<https://www.cdc.gov/healthywater/drinking/index.html>

<https://www.epa.gov/sdwa>

<https://www.foodandwaterwatch.org/about/live-healthy/tap-water-vs-bottled-water>

https://thewaterproject.org/resources/elementary_books

<https://www.unicef.org/stories/11-lessons-water-school>