



Understanding
Others

Grade Five

Water Issue



Serving the Needs of Humanity

This Super Unit is a structured inquiry into helping the learner understand other people. Learners will identify a local need of others and plan action. Learners will be empowered to authentically provide service to others. Learners will develop their ability to do service design thinking.

How can we help others meet their



Highlights of Learning Experiences

SuperUnit Launch

Simulation of a lack of access to clean drinking water

Field Trip(s)

Water Filtration Plant, Water Bottling Plant, “A Long Walk to Water”

Guest Speaker(s)

High School students will share their IB water project

Project(s)

Group Project: Water Filtration System

Individual Project: Researched Magazine Article on a water-related issue

Core Values

Academic Excellence - Foundational Science Knowledge, Critical Thinking, Collaboration

Respect for All - Understanding common human needs

Dedicated Service - Social and Environmental Responsibility

SuperUnit Celebration

Students will have a publishing party for their class magazines



Focus on Learning by Subject

Science

Chemistry, Properties of water

Social Studies

Issues surrounding access to potable water

English

Expository writing, research and citation,

Math

operations using decimals, metric measurement of volume and mass

Art

Digital Illustrations, App mash-up

Drama

Presentation skills, vocal characterization, ABC Plays

Music

World Music, Connections to basic human needs

PE

Drinking water and exercise, sports drinks, swimming

Vietnamese

Vietnamese cultural connections

basic need for clean drinking water?



Questions to Ask your Child

Where does our water come from?

How do we know our water is clean?

What are some ways water is polluted?

What are some solutions to helping water sources stay clean?



Home Learning

Observe and discuss all the ways water is used at your home.

Observe and discuss the tidal changes in Phu My Hung's river systems.

Discuss how your family gets access to clean drinking water when you are away from home.



Suggested Home Extensions

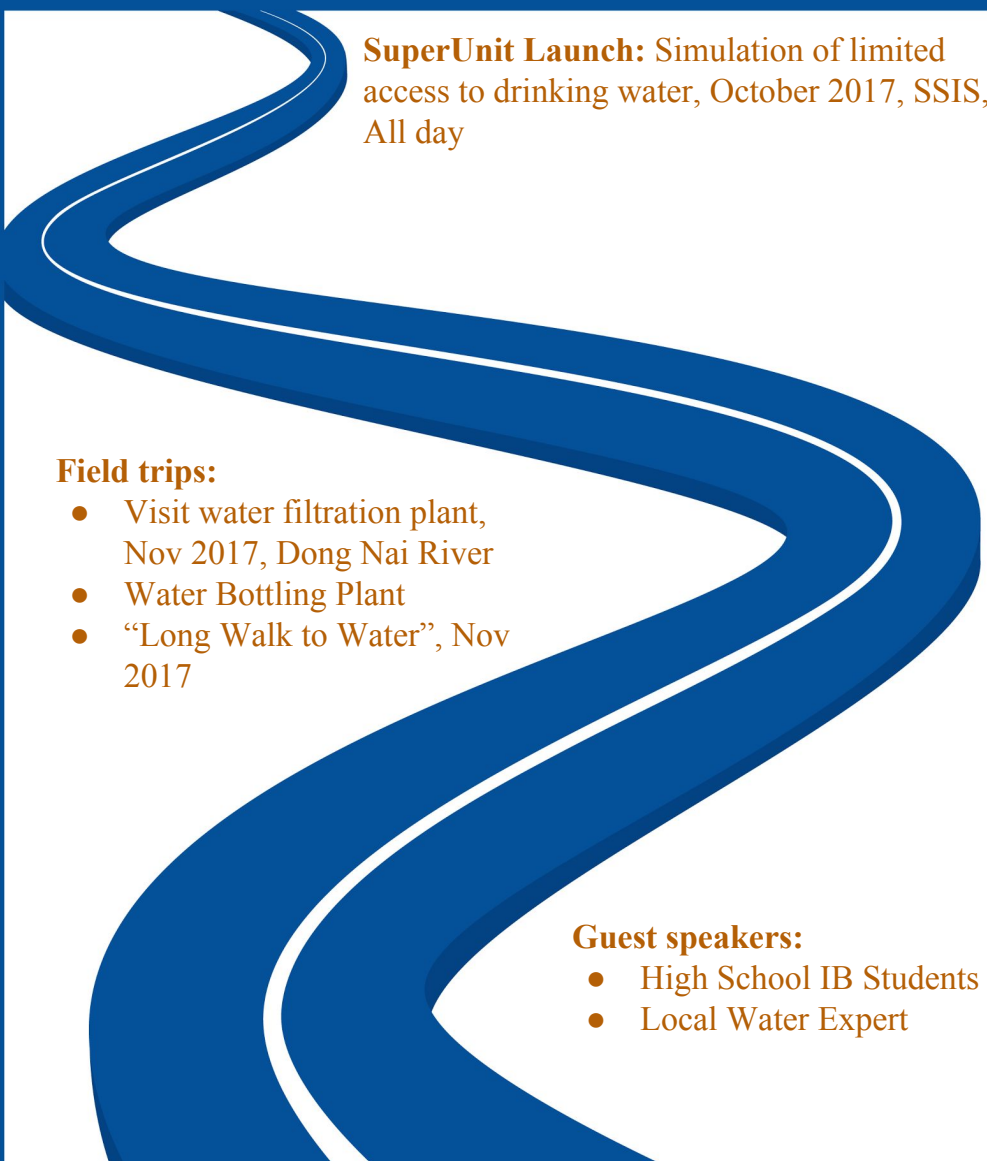
Consider your water use by calculating your water footprint. Consider ways your family could reduce water usage and water waste. <http://www.watercalculator.org/>

Research where your bottled water comes from and evaluate how ethical the company's reputation is. Make a change if you find something you don't like!



Key Vocabulary

Solution, mixture, filtration, evaporation, mass, volume, properties, microbes, potable, filter, physical barrier filters, mixture, solution, solvent, dissolve, concentration, concentrated, dilute, precipitate



SuperUnit Launch: Simulation of limited access to drinking water, October 2017, SSIS, All day

Field trips:

- Visit water filtration plant, Nov 2017, Dong Nai River
- Water Bottling Plant
- “Long Walk to Water”, Nov 2017

Guest speakers:

- High School IB Students
- Local Water Expert

SuperUnit Celebration:

Publishing Party for ‘Water Issues’ Magazines, Dec 2017, SSIS



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