

THEME:	Sustainability
SCOPE & SEQUENCE UNIT:	Community Water Use
OBJECTIVE:	Is there enough water for us all?
ACTIVITY:	Learning from the Expert – Local Water Council member

Notes:	In-class activity
Teacher Prep.:	Prior to this activity, do “Questions for Guest Speakers” activity. This also implies that you have arranged for a local expert to come in and speak to the students. Municipal or provincial government agencies should be able to assist in locating such an expert. Assign a student to thank the guest speaker on behalf of the class at the close of the session. Suggest the student prepare for this by thinking about what they will say, maybe writing it down first.
Time:	~50 minutes; 15 minutes student prep., 20 minutes talk, 15 minutes questions/explanations

Skills:

- ◆ Communication (listening, note-taking)
- ◆ Critical & creative thinking
- ◆ Life & career planning
- ◆ Ecological literacy

Objectives:

- ◆ To understand local water uses, supply and demand
- ◆ To learn the source of the water in the taps
- ◆ To learn to discern important information from a guest speaker
- ◆ To learn note taking while listening and following a live presentation

Vocabulary:

Potable water: Water that is safe for humans to drink.

Management: The management of water is the responsibility of the government and citizens, to care for its continued quality and abundance.

Allocation: In resource management, allocation is more than a sharing of a resource as it is an exact assigning of a limited and available resource.

Conservation: Protecting and keeping from harm.

Materials:

Stickies (post-it notes)
Students' questions each written out
Guest Speaker Notes Student Page

Introductory Discussion:

Before the speaker arrives: Create a graph on the front board or on flip chart paper. Do a poll of the students and pose this question: Is there enough good water for us all? List three columns: No, Yes, Don't know. Have students think about this question and when they are ready they write their name on a stickie and carefully place it in one of the columns. Advise the students that with care placing the stickies, they should be able to quickly tally the columns. Have a student tally and write the number for each column.

Review the Student Page (students can fill in initial information) and ensure each student has her/his question ready.

Once the speaker arrives: Introduce the guest speaker to the students, their affiliated organization and their topic. Remind the speaker of their speaking time, and that the students will be taking notes and will have questions to ask.

Reflection Discussion:

Ask the students, is there enough water for us all, based on the presentation? Review the poll of the graph with students and speaker.
Ask the guest speaker how they decided on this kind of work, and what their training involved. Ask students to offer something new and interesting they learned from the presentation. Cue the student to thank the speaker.

Student Page:

Guest Speaker Notes

Resources – SSI Specific:

SSI Water Council
www.ssiwatercouncil.com
See Documents, Potable Water Supply and Demand Analysis
See also lake management plans.
Cusheon Lake Management Plan www.cusheonlakestewardship.com
St Mary Lake Management Plan (above site also)

Name: _____ Date: _____
(mm/dd/yyyy)

Guest Speaker: _____

Organization: _____

Topic: _____

My notes: _____

[illegible]

Significant connection for me:
