

THEME:	Global Water Awareness and Active Citizenship
SCOPE & SEQUENCE UNIT:	Introduction – Global Water – Setting the Stage
OBJECTIVE:	Activate student thinking related to Global Water Awareness
ACTIVITY:	View slideshow – organizer and reflection

Notes:	In-class activity
Time:	45 minutes

Skills:

- ◆ Critical and creative thinking
- ◆ Global, Local and Cross Cultural Understanding
- ◆ Ecological literacy

Objectives:

- ◆ Students relate their understanding of water locally to a bigger global context of water by viewing a slideshow of global water awareness
- ◆ Students summarize important points related to global water and access to water.

Background Information:

This lesson is the first lesson in an integrated social studies unit on Global Water Awareness and Active Citizenship. This lesson links to Non-fiction Language Arts lessons, and technology learning outcomes where students learn the skills to create a podcast for broadcast on local radio.

Materials:

- ◆ Laptop, sound dock, projector, flip chart paper
- ◆ Powerpoint presentation: “Water is Unfit for Human Consumption” ([see resource section below for link to slideshow](#))
- ◆ Graphic Organizer/Handout (double sided) ‘My Thinking’ and ‘My Thinking Images’
- ◆ Cups and water on each students desk to start lesson
- ◆ Large bucket of water and a tablespoon to remove water from bucket
- ◆ ‘One Well: The Story of Water on Earth’ by Rochelle Strauss (book – p. 7) overhead or computer projection

Teaching/Learning Sequence:

Lesson starts with students having a glass of water on desks. The exact water sitting in front of them may have passed through a dinosaur when they roamed the earth. Invite them to drink some dinosaur water. Connections/reminder about the water cycle previously studied.

Demonstration analogy: Using a bucket of water, relative fresh water available in the world is illustrated by removing one tablespoon. That is the relative amount of fresh water on earth available to all humans to share. Show students a chart from “One Well” which gives percentages of various forms of water on earth. (chart on overhead or projected from computer)

VIEW PRESENTATION: Project PowerPoint presentation: “Water is Unfit for Human Consumption”. (see resource section below for link to presentation)

The overall format and strategy for this lesson is THINK-PAIR-SHARE

Throughout this lesson, think, pair share is done in an A-B partner format.

HANDOUT: Student page/graphic organizer. ‘My thinking’ (use organizer while viewing presentation)

Question: What connections did you make and thoughts did you have while viewing the presentation?

ACTIVITY: After viewing presentation, students individually reflect and connect what they have seen. This can be done by writing a short response, or by creating a web of connections and thoughts. Students choose their representation. Reminder about THINK time and the room is quiet.

ACTIVITY: A-B PARTNERS to think, pair, share. General discussion. Students get into A-B partners and share what they have recorded. Students discuss and identify similarities and differences in responses.

TASK A-B PARTNER ACTIVITY:

Student pairs come up with a list (by consensus) of the three most significant messages/important points they have discussed with their partner (based on the Powerpoint presentation and potentially prior knowledge).

DEBRIEF/BRAINSTORM/DISCUSS: Pairs share with large group the three important points they made in their discussion. Teacher to FLIP CHART ideas as they are being shared.

Closure/Reflection Discussion:

DEBRIEF/BRAINSTORM/DISCUSS: What do you want to know after viewing slideshow? (The 'W' in KWL)

MINI ASSESSMENT: Student EXIT PASS

Students fill out on pre-made mini sheet. Two things learned and one question they have related to "Global Water Issues"

NOTE: Repeat this lesson at the end of the unit. Show slideshow again at the end and use "My Thinking" organizer to compare and assess learning during unit.

Student Page:

My Thinking
Images in my Mind

Resources:

One Well: The Story of Water on Earth

<http://www.kidscanpress.com/US/One-Well-P3000.aspx>

[Project PowerPoint presentation: "Water is Unfit for Human Consumption".](#)



My Thinking



Important Ideas	Connections
Feelings	Questions

