



Water, Sanitation, and Hygiene (WASH)

Duration: 30-45 minutes

Description: This lesson will introduce the relationship between water and sanitation. Students will learn what sanitation is and how they practice sanitation in their daily lives (handwashing, using clean water, using proper services such as toilets). Further, students will understand that poor sanitation and dirty water can lead to the spread of disease.

Materials Needed:

- Pencils
- Markers/Crayons/Colored Pencils

Learning Objectives

1. Define sanitation.
2. Understand how sanitation connects to water.
3. Make the connection between dirty water and disease.
4. Understand personal sanitation use.
5. Memorize WASH (Water, Sanitation, and Hygiene)

Applicable Education Standards

<p>Common Core State Standards/Next Generation ELA</p>	<p>4R4: Determine the meaning of words, phrases, figurative language, academic, and content-specific words. (RI&RL) 4W1b: Use precise language and content-specific vocabulary. 4W4: Create a poem, story, play, artwork, or other response to a text, author, theme, or personal experience. 4SL1d: Review the relevant ideas expressed and explain their own ideas and understanding of the discussion.</p>
<p>New York State Science Learning Standards</p>	<p>Cause and Effect: Cause and effect relationships are routinely identified, tested, and used to explain change. (4-ESS2-1)</p>
<p>California Science Framework/Next Generation Science Standards</p>	<p>Principle I: The continuation and health of individual human lives and of human communities and societies depend on the health of the natural systems that provide essential goods and ecosystem services. Cause and Effect: Cause and effect relationships are routinely identified, tested, and used to explain change. (4-ESS2-1)</p>



Instructions for Educator:

1. Read the following script first:

Today we are going to learn about sanitation. You have probably heard the word, but maybe you don't know what it means. Sanitation is used to describe hand sanitizer. What does hand sanitizer do? What does sanitation have in common with water?

2. Read the instructions below out loud and have every student write one word and one image that come to mind when they hear the word sanitation. Ask the students to share what they drew. What did they have in common?
3. Then, put the students into groups of three.
4. Have the students read the directions and then look at the images. Have them choose one person in their group to be the "Reporter" and report back to the class afterward. The students are asked to write down their responses, as a group, to the images. These can be words, phrases, or feelings.
5. Once these groups have responded to all of the images, go through their responses, with reporters sharing what their groups wrote down. Decide how many will report for each group based on class size and time constraints.
6. Before moving onto the next section, read this:
Now that we have a better idea of what sanitation is and how it relates to water, let's think about how we practice sanitation in our daily lives.
7. Now, ask the students to choose a new reporter in their group. Have the groups answer the final questions.
8. After the groups are done, ask the new reporters to share their responses.

Virtual Learning Adjustment: If breakout sessions (breaking into groups) is not possible, you can do the entire lesson as a class, perhaps separating students alphabetically to answer certain questions/provide responses, e.g. all students with first names starting with J-L will respond to Image 1.



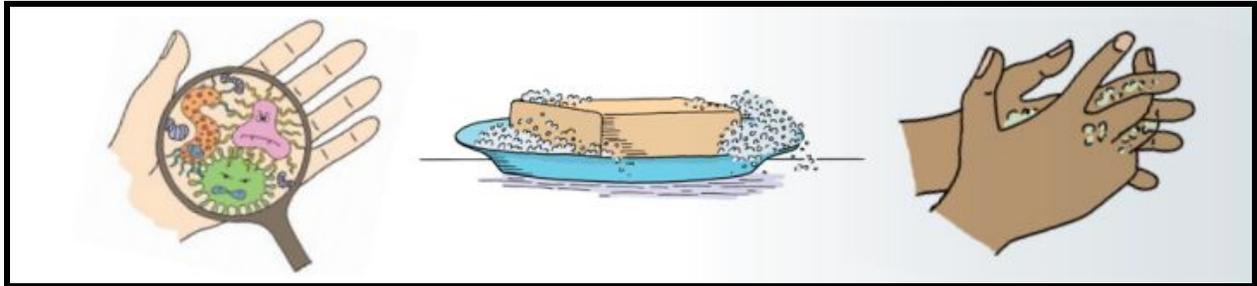
Instructions:

What do you think of when you hear the word sanitation? Where have you seen this word before? Write down your best guess below.

Now, draw an image that comes to mind when you think about what sanitation means:

Instructions: What does sanitation have in common with water? Why is sanitation important? In groups of three, look at each of the following images and write down your immediate reaction (a few descriptive words, a phrase, what it reminds you off, how you feel about it).

Image 1:



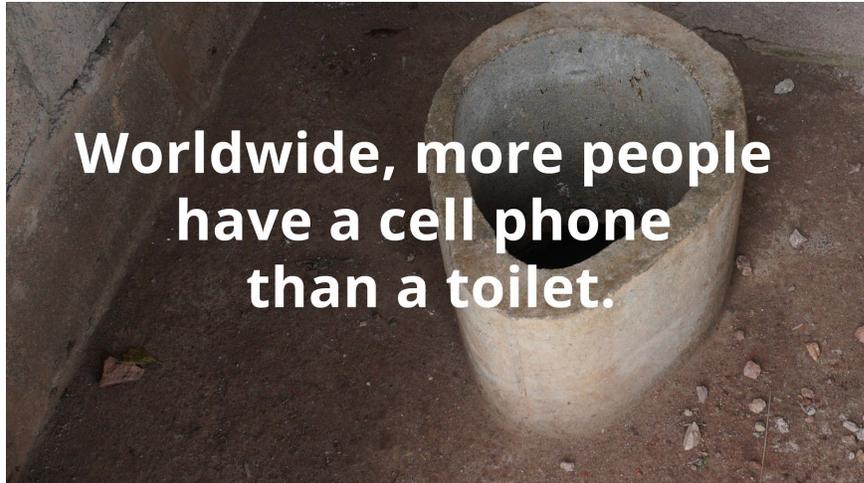
Reaction:

Image 2:



Reaction:

3:



Image

Reaction:

Image 4:



Reaction:



As a class, answer these questions:

1. What is sanitation and why is it important?
2. Why is dirty water bad?
3. What happens if people don't have access to toilets?
4. How do you use sanitation services in your lives?