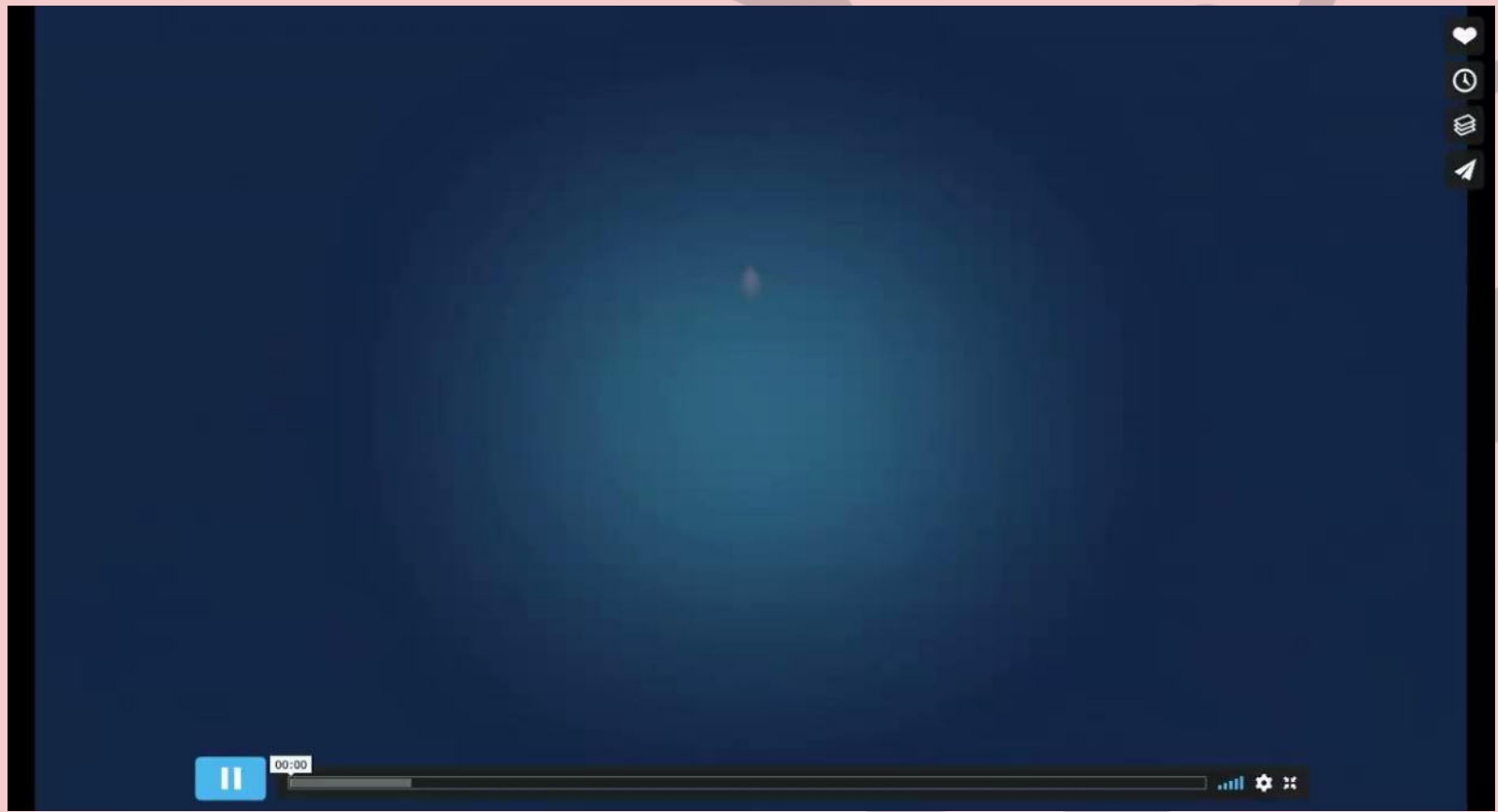


H2O Response Team: Water Around the World

Wednesday, April 6th

Watch first for
background
knowledge!

[Link for video](#)
if it doesn't
work

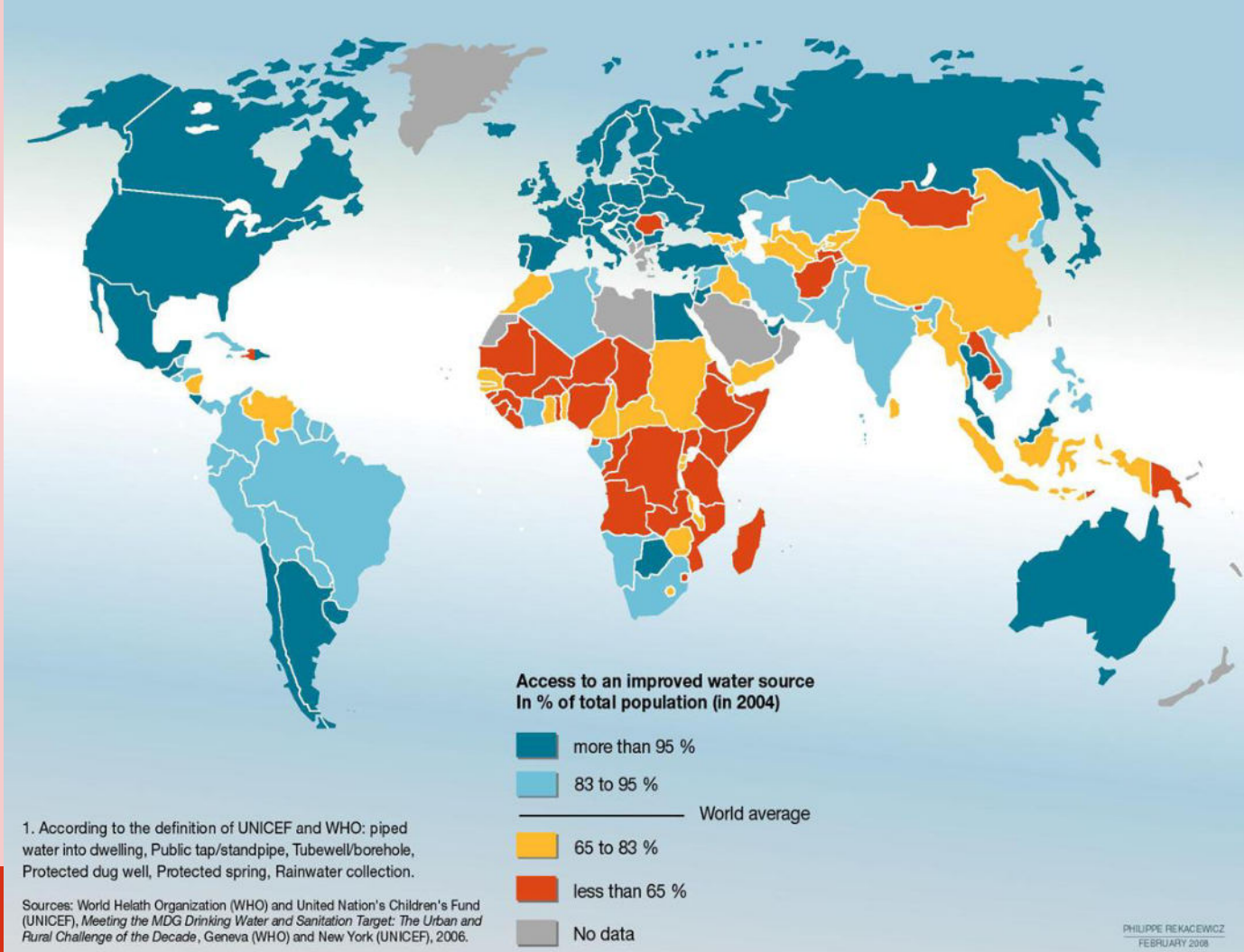


After viewing the map:

What do you notice?

What do you wonder?

Keep these noticings in mind as you continue onto the activity!



Activity: Water Survival Activity

Materials Needed **per Group**:


1. 1 Priority Sheet (Usages of Water)

- Add your group # and names

2. 8 Labelled Plastic Bags for water priorities

3. Two Ziploc bags - one labelled CANADA and one labelled NICARAGUA

-There are about 65  the Canada bag and 12 in Nicaragua bag.

 = water supply*

Teachers: When groups have their materials, please continue to the next slide.

**The worksheet will say jelly beans, but Mrs. Jones was not able to purchase over 1500+ jelly beans for this activity, so we are using blue squares of paper.*

Drinking 5 Jelly Beans 	Cooking 5 Jelly Beans 
Bathing 5 Jelly Beans 	Brushing Teeth 1 Jelly Beans 
Flushing Toilet 5 Jelly Beans 	Washing Clothes 7 Jelly Beans 
Watering Lawn 15 Jelly Beans 	Washing Car 12 Jelly Beans 




WATER USE PRIORITY SHEET (2-3)	
Label the use of water from the MOST (1) important to LEAST (4) important.	
	Watering the lawn ____
	Cooking ____
	Brushing Teeth ____
	Washing clothes ____
	Drinking ____
	Washing Car ____
	Bathing ____
	Flushing Toilet ____

Activity: Water Survival Activity

After gathering materials, follow the next steps below **as a group**:

1. Using the “Priority Sheet” groups rank the MOST important use of water to the LEAST important use of water.









2. Line up the bags with the Water Use Priority labels (drinking, cooking, bathing, etc.)

3. Put 5  from the water supply of both the Canada and Nicaragua bags aside in the “Polluted” bag for Canada & Nicaragua – these are POLLUTED water.

STUDENTS: You should only use your polluted water if absolutely necessary.

WATER USE PRIORITY SHEET (2-3)

Label the use of water from the MOST (1) important to LEAST (4) important.

	Watering the lawn	_____
	Cooking	_____
	Brushing Teeth	_____
	Washing clothes	_____
	Drinking	_____
	Washing Car	_____
	Bathing	_____
	Flushing Toilet	_____

Drinking 5 Jelly Beans 	Cooking 5 Jelly Beans 
Bathing 5 Jelly Beans 	Brushing Teeth 1 Jelly Beans 
Flushing Toilet 5 Jelly Beans 	Washing Clothes 7 Jelly Beans 
Watering Lawn 15 Jelly Beans 	Washing Car 12 Jelly Beans 

Activity: Water Survival Activity

Keeping in mind the Daily Life Requirements for Water Use,

Students: decide as a group where to put their water supply for Nicaragua.

Remember, *you may not have enough to meet the Daily Life Requirement*. You may be forced to use POLLUTED water. If you have extra, *you may disperse your water to other activities (brushing teeth, washing clothes, etc.)*.

Then, set aside your Nicaragua water and disperse your water supply of Canada following the steps above.

Teachers: After students complete both distributions for Canada & Nicaragua, proceed to the next slide!

The Daily Life Requirements for Water Use:

Drinking – 5



Cooking – 5



Bathing – 5



Activity: Water Survival Activity

Thinking back to your water supply...

Discuss as a class:

- What was the MOST important Daily Task and use of water? What was the LEAST important use of water?
- How was Canada's water supply different than Nicaragua's water supply?
- How did it make you feel when you had enough beans for all your Daily Tasks?
- How did it make you feel when you didn't have enough beans for all your Daily Tasks?
- What did your group do when you didn't have enough water? Is it safe to drink the polluted water?



If you have time, please continue onto the next slides to view real world situations with our realities of water around the world...take notice of their water in the photos...

Water Inequality Photos Put Privilege Into Perspective



Niger: Family of Five Uses 60 Liters per Day

Niger is West Africa's largest country, but is also one of the least developed. There, 8 million people lack clean water, according to WaterAid.

While the Mahamadou family feels fortunate to live in a village near the Niger River, they're aware that the source is contaminated. They use a stone to filter the water, but that doesn't necessarily protect them. Mariama, mother of three, contracted cholera two years ago, according to UNICEF.

A number of nonprofits are working in the region, including WaterAid, which provided 10,000 people with clean water last year.

Water Inequality Photos Put Privilege Into Perspective



U.S.A., Family of Three Uses 1,000 Liters per Day

Ashley Gilbertson, the photographer behind the World Water Week series, lives in the West Village in New York City with his wife, 6-year-old son and dog, and consumes 1,000 liters of water a day.

“I’m shocked by the amount of water my family uses in New York,” Gilbertson told UNICEF. “I knew it would be significantly more than in some of the countries I travelled to, but not by this much.”

He told UNICEF he was most despondent about the way climate change has dried up water sources and how women are often forced to spend their days doing the arduous job of collecting water for the family.

The average American family of four uses 400 gallons of water per day (about 1,500 liters), according to the Environmental Protection Agency.

Water Inequality Photos Put Privilege Into Perspective

Za'atari Refugee Camp, Jordan, Family of Six Uses 380 Liters per Day



As of April, there were about 83,000 people living in the Za'atari refugee camp in Jordan, and 35 percent of its water was being trucked in, according to UNICEF.

Since fleeing Syria in 2012, the Abu Noqta family, which includes father, Abdulrahman, mother, Masamah, and their four children, has been very conservative with water consumption. They recently purchased a water tank, which camp authorities fill up every five days.

"We're very economical with our water because we don't have enough," Masamah told UNICEF. "We're afraid that someday we will not have water because sometimes the water trucks go on strike."

Together with Mercy Corps, UNICEF is working to build wells to minimize the need to rely on outside sources.

Final Reflection

Discuss as a class:

- What are some ways you can conserve and protect water?
- Do you think water is a human right? Why?