

PAGE 1: INTRODUCTION

- Introduce yourself
- I am in the water field...
- I work for _____, which does _____

Begin each presentation with:

- What NEWWA is
- What your presentation will focus on: Imagine A Day Without Water

K - 3:

- I belong to an organization called New England Water Works Association.
- This organization is made up of a group of people who work with water in all sorts of different ways. Some work at _____, others work at/with_____. The people in this group live and work all over New England and they join this organization to talk about and learn more about water.
- So today, I have come to your classroom, so we can all talk about and learn more about water together.
 - We are going to start by talking about where water comes from.
 - Then we are going to pretend that for one day we didn't have any water and image all the things we couldn't do if we didn't have water.

WATER CYCLE



The water cycle describes how Earth's water is not only always changing forms, between liquid, solid (ice), and gas (vapor), but also moving on, above, and in the Earth. This process is always happening everywhere.



SUN

The Water Cycle

CONDENSATION

EVAPORATION

OCEANS

PLANTS

GROUNDWATER

ICE AND SNOW

PRECIPITATION

SNOWMELT

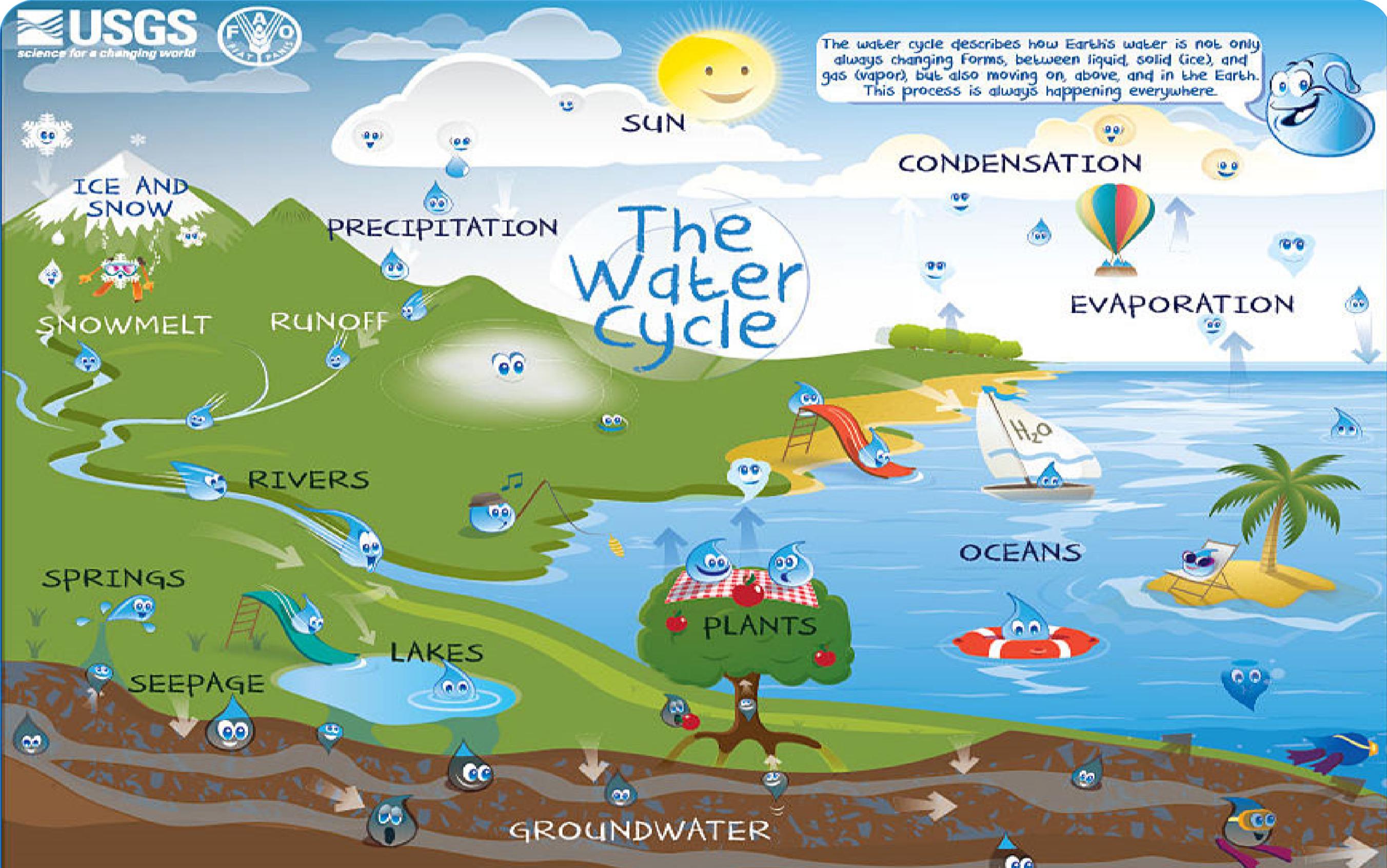
RUNOFF

RIVERS

SPRINGS

LAKES

SEEPAGE



PAGE 2: INTRODUCTION

Start by asking simple questions about water in the environment:

- Where do we find water outside?
- Where does this water come from?
- Where does rain come from?
- What are clouds and how do they form?
- Where does rain go after it falls?

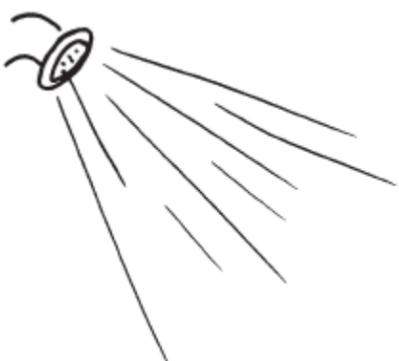
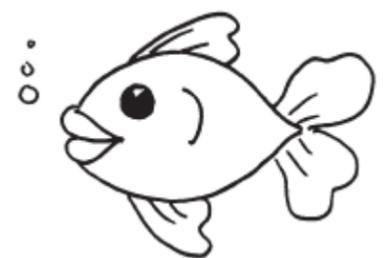
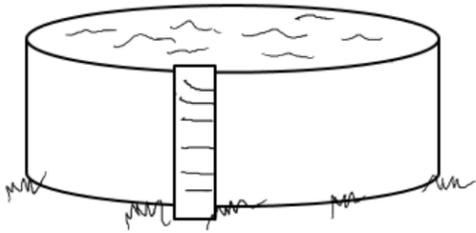
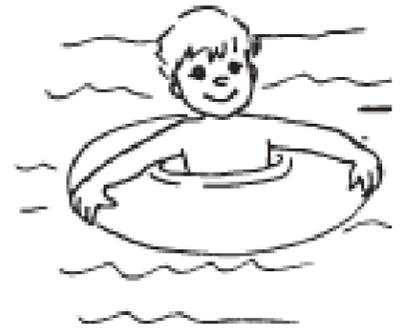
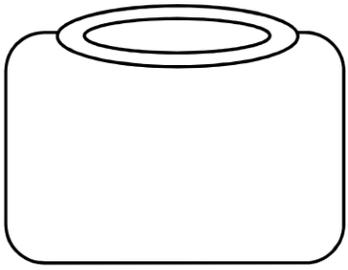
See that water doesn't disappear, it travels in a circle that we refer to as the "water cycle."

In fact, water has been recycling for billions of years.

In fact, the dinosaurs were drinking the same water that we are!

This is why it is important for us to protect and keep water clean because it is always being reused and recycled.

Matching Game



PAGE 3: INTRODUCTION

Ask for volunteers:

Can anyone help me draw a line between the things that go together?

Optional:

- hand out stickers to the volunteers
- use as a take home activity instead of an in-the-classroom activity

What is wrong with this picture?



PAGE 3: INTRODUCTION

We need to conserve and protect the water we have.

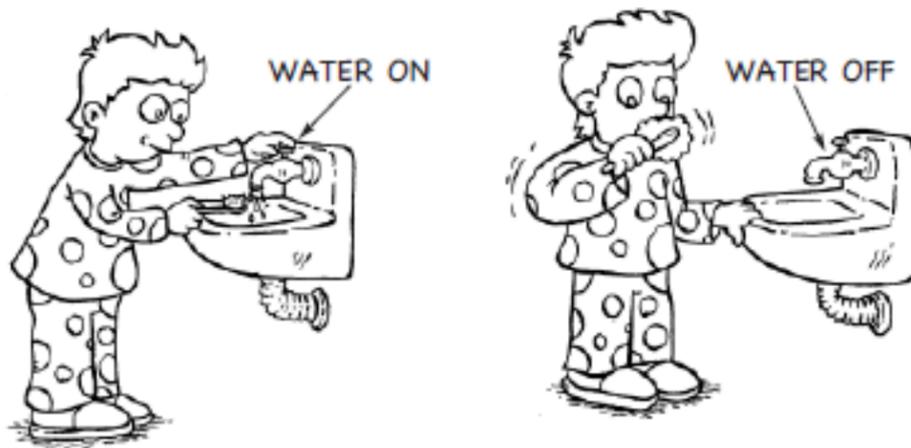
Ask for volunteers:

Can you help me spot ways that water is being wasted in this picture?

(Emphasize that it is okay to use water for washing things and watering plants, but we need to be careful not to use too much water.)

How can you help conserve water?

turning off the water when you're not using it, and . . .



telling an adult when you see a leak.



PAGE 4: INTRODUCTION

We need to conserve and protect the water we have and there are many ways you can help.

You can help by:

- Turn off the faucet when brushing your teeth or washing your hands
- Take a shower instead of a bath
- Tell an adult when you see a dripping tap

At home your family can help by:

- When washing your car use a bucket and sponge instead of the hose
- Collect rain water in a container to use when watering the plants
- Clean outdoor areas with a broom instead of a hose
- Only wash your clothes when the washing machine is full

INTERACTIVE ACTIVITY

Conservation while brushing teeth (Use a bucket to empty water into if you only have one sink)

1. Close water drain in sink and let tap run for two minutes. Point out how much water is filling up.
2. Have each student take turns emptying the sink with a cup, counting how many cups it takes to empty the sink.
3. After emptied, run the water on/off for two minutes (showing them that turning the water off while brushing teeth saves water).
4. Do the same as step #2, also counting the number of cups it takes to empty the sink.

TAKE-HOME ACTIVITY

Below is an example of a take-home activity for this module. Additional take-home activities are located on the NEWWA website.

Check off activities as you do them at home.

Using the bathroom

Brushing teeth

Washing hands

Taking a shower

Cleaning dishes

Drinking water

Playing with the sprinkler

Other _____