IMAGINE A DAY WITHOUT WATER

NEWWA
New England Water Works ASSOCIATION

PAGE 1: INTRODUCTION

- Introduce yourself
- I am in the water field…
- I work for _____, which does_____

Begin each presentation with:

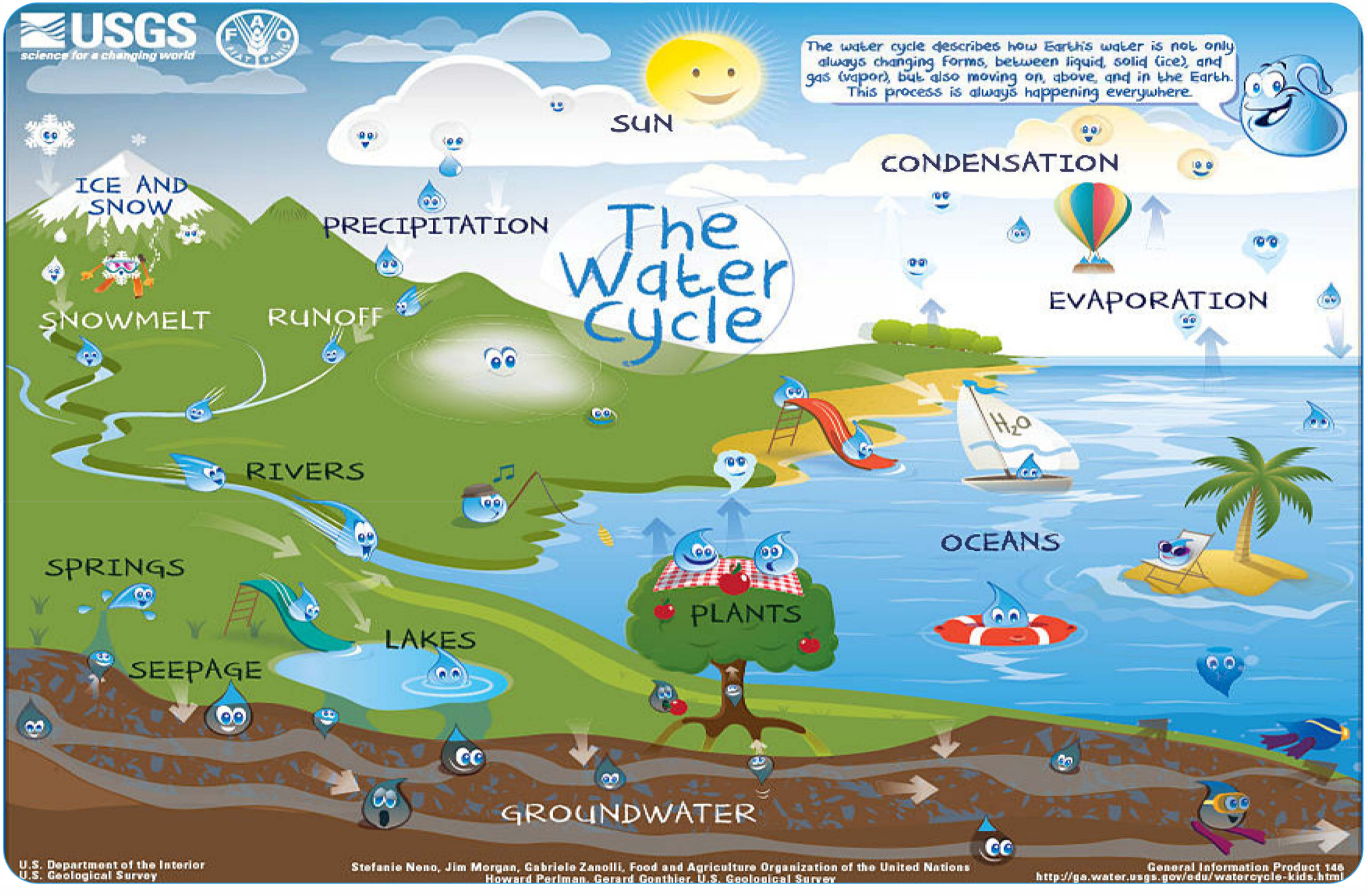
- What NEWWA is
- What your presentation will focus on: Imagine A Day Without Water

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.
    - o We are going to start by talking about where water comes from.
    - o 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

NEWWA New England Water Works ASSOCIATION



U.S. Department of the Interior
U.S. Geological Survey

Stefanie Neno, Jim Morgan, Gabriele Zanolli, Food and Agriculture Organization of the United Nations
Howard Perlman, Gerard Gonthier, U.S. Geological Survey

General Information Product 146
http://ga.water.usgs.gov/edu/watercycle-kids.html

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?

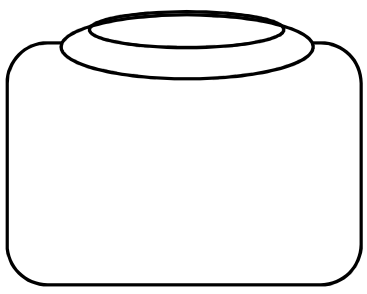
See that water doesn’t disappear; it travels in a circle that we refer to as the “water cycle.”

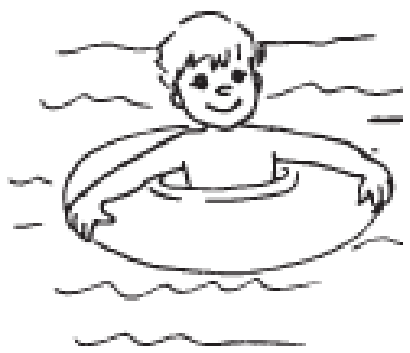
In fact, water has been recycling for billions of years.

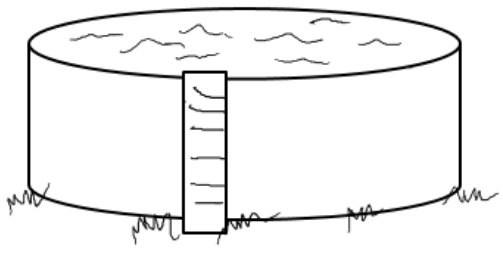
In fact, the dinosaurs were drinking the same water that we are!

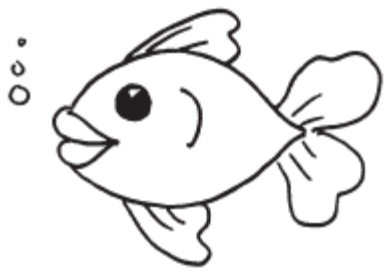
This is why it is important for us to protect and keep water clean because it is always being reused and recycled.

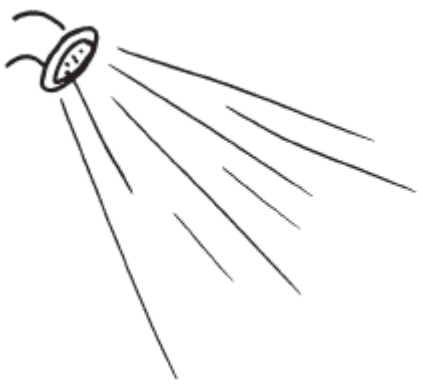
Matching Game











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

Imagine if it didn't rain for a year

PAGE 3: INTRODUCTION

Water is VERY important and essential to human life. Who here uses water?

Let’s imagine what our lives would be like without water.

Imagine if you turned on the faucet and water did not come out

PAGE 4: INTRODUCTION

Ask the children to imagine that they go over the faucet in their sink or their bath tub and no water comes out.

Ask: What couldn’t you do if there was no water coming from the faucet?

Bring in simple props for this activity to pass around: a toothbrush, cup, sponge, toilet paper, bucket, spatula or pot, detergent, empty soap dispenser.

- Can’t wash your hands
- Can’t take a shower/bath
- Can’t wash clothes
- Can’t wash dishes
- Can’t get a drink of water
- Don’t have water for coffee, tea, or hot chocolate
- Can’t cook
- Can’t water the plants
- Can’t flush the toilet

Imagine if there was no water in the summer

PAGE 5: INTRODUCTION

Ask the children to imagine a summer day, when the sun is out and it is really hot.

Ask: What if you wanted to go for a swim in the pool but there wasn't any water?

Ask: What else couldn't you do in the summer?

- No water parks
- No sprinklers
- Cannot water the lawn
- No ocean at the beach
- Cannot wash the car
- Cannot go fishing
- Cannot go boating

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 _____