

3rd Grade

ELA

HYP

Water Around the World
Module 4 Unit 1

Learning Target: I can ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for answers.

Slide	I notice... (things I see)
1	
2	
3	
4	

5	
6	
7	
8	

<p>Band of color Colorful beautiful bright Across the sky I come after the storm</p>	<p>My Guess _____ Correct answer _____</p>
<p>Commotion Loud dark violent Throughout the sky I am flashes of light and moments of bangs</p>	<p>My Guess _____ Correct answer _____</p>
<p>Sprinkle Wet tiny drops In the sky I am falling down</p>	<p>My Guess _____ Correct answer _____</p>
<p>Cascade Steady straight fast crashing down into a pool of water I am always moving</p>	<p>My Guess _____ Correct answer _____</p>

<p>Pong</p> <p>Calm round closed</p> <p>All in one place</p> <p>I am still and barely move</p>	<p>My Guess</p> <hr/> <p>Correct answer</p> <hr/>
<p>Cotton balls</p> <p>Fluffy white soft</p> <p>Everywhere up high</p> <p>I am floating in the sky</p>	<p>My Guess</p> <hr/> <p>Correct answer</p> <hr/>
<p>Small ocean</p> <p>Salty large deep</p> <p>Moving into the ocean</p> <p>I am limitless</p>	<p>My Guess</p> <hr/> <p>Correct answer</p> <hr/>
<p>Stream</p> <p>Rapid winding narrow</p> <p>Running through forests</p> <p>I am constantly moving downstream</p>	<p>My Guess</p> <hr/> <p>Correct answer</p> <hr/>

What am I? _____

Description: (Senses)

Can you hear me? _____

Can you see me? _____

Can you feel me? _____

Can you smell me? _____

Can you touch me? _____

Season/Location:

Am I all year round? _____

Am I everywhere? _____

Do you see me in specific parts of the world?

How long do I last? _____

Do I stay in one place? _____

Do I stay in one place or do I move? _____

Picture



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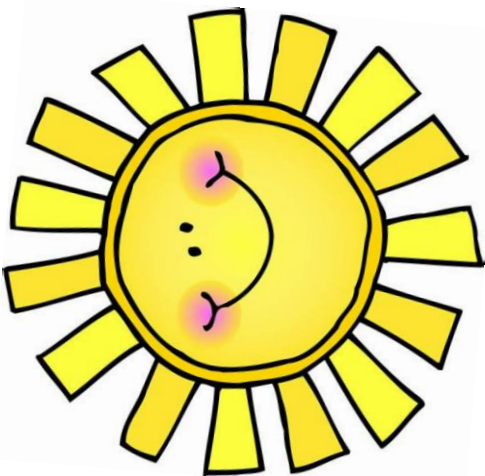
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THE

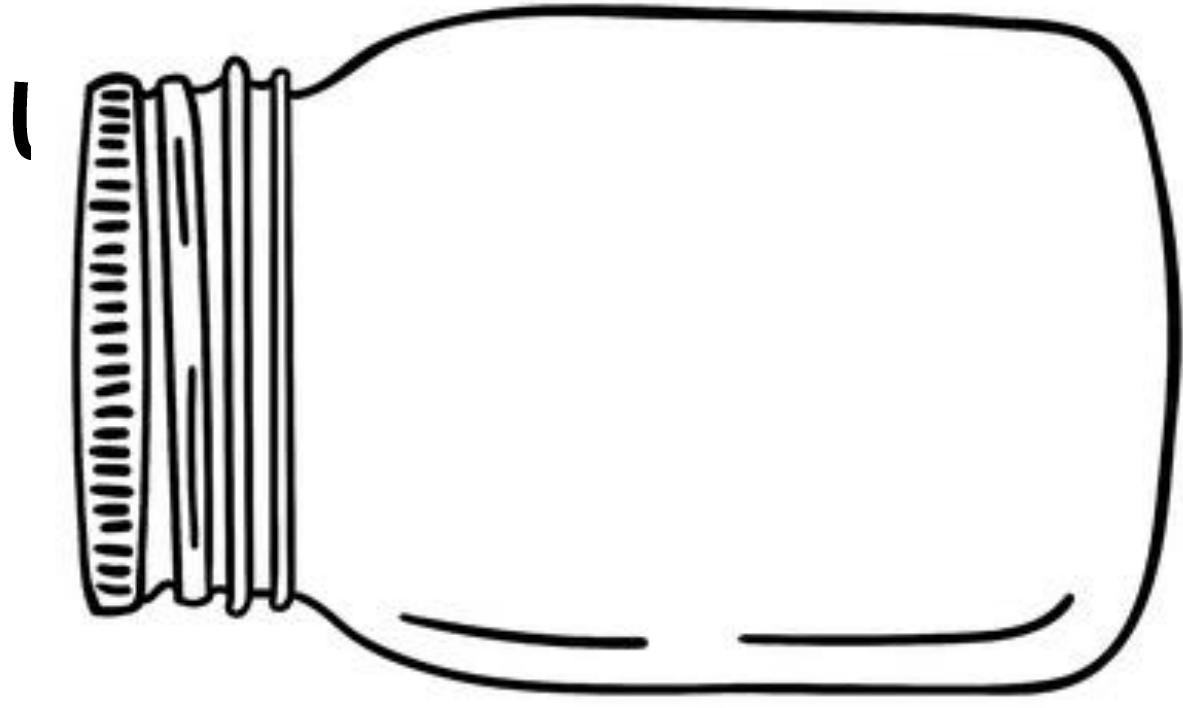
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ICLE



What we did

What happened

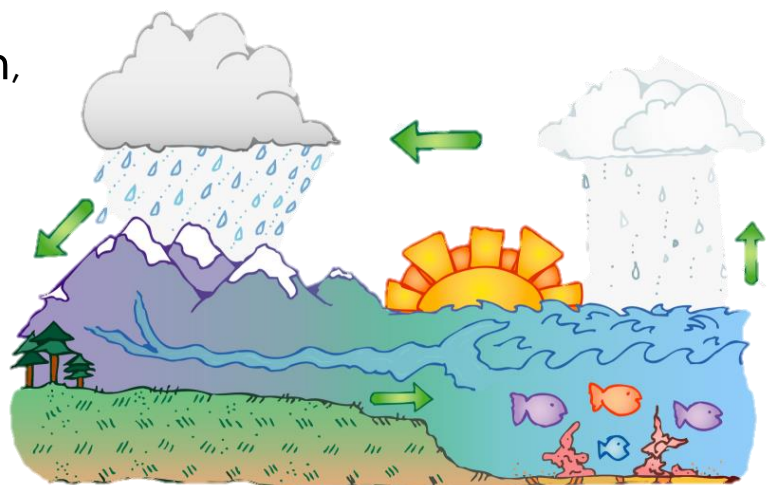


THE WATER CYCLE

The water cycle is the way that water moves all around the earth. It doesn't have a beginning and it never really stops. It keeps going like a big circle. New water is not created. It just takes different forms as it moves through the water cycle.

Water on the surface of the ocean, like, or rivers will **evaporate** due to the heat from the sun. When the evaporation occurs, the water turns into water vapor. When this vapor joins together with a lot of other water vapor turning back into liquid. These clouds move around the earth with the weather. When the clouds become so full of water, the water drops back to the earth as **precipitation**. This precipitation can be in the form of rain, snow, hail or freezing rain. When the water falls back to earth it may flow back into the ocean, feed the garden, or be snow on a mountain. After this **collection**,

the water will evaporate and the whole cycle will begin again.



Answer the questions using RA from RADD. You do not need details to support the answer.

1. Why doesn't the water cycle stop? _____

2. What makes water evaporate? _____

3. What happens when water vapor joins together with a lot of other water vapor? _____

4. What is condensation? _____

5. Clouds move around the earth with the _____

6. What happens when clouds become full of water? _____

7. What are the different forms of precipitation? _____

8. Where might water go when it lands on earth? _____

THE WATER CYCLE

10

C O N D E N S A T I O N N E E N
L R R T B R S Y T E M O Y V R O
H C I E E I R T L E I S K A E I
U C O V T A O B R T E H T P H T
M L I N U A A S A E L L D O P A
I R A T S T W R P I A R S R S T
D F S K R E I D T H O M O A O I
I E F E E P R H N P E C S T M P
T N T O S S O V L U E R H I T I
Y A U N N S K E A A O A E O A C
W T A S P U T O N T I R N N R E
V R T H F S R S V L I G G D A R
T H E C O L L E C T I O N E I P
E R E H P S O R D Y H F N K N F
E S R E I C A L G A Q U I F E R
W O N S V R C L O U D E L C Y C

cloud	condensation	run-off	cycle
rain	groundwater	sun	sleet
fog	evaporation	hail	river
glaciers	collection	lakes	streams
water	precipitation	snow	oceans



Learning Target: I can ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.

One Well- page 4-5 Questions

1. The first sentence says, "Imagine for a moment that all of the water on Earth came from just one well." What does **one well** mean here? Why do you think that?

2. What are some sources of water in the global well?

3. It says, "So whether you are turning on a faucet in North America..." What is a faucet and how do you know?

4. Why is it important to think about how we treat the water in the well?

One Well - Page 4-5 Note-catcher

Main Idea	
Key Detail #1	Key Detail #2
Detail from the illustration	

Learning Target: I can ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.

One Well- page 6-7 Questions

1. What is surface water?

2. Where is surface water found?

3. What is ground water?

4. Where is ground water found?

5. Look carefully at the illustration. Which of the following lines of text does this illustration help you to better understand?

- a. This surface water is found in oceans, lakes, rivers, streams, marshes, even in puddles and the morning dew
- b. Yes, there is more water in the atmosphere and soil than in all of Earth's rivers.
- c. Water is also frozen in glaciers and polar icecaps
- d. There is so much water that if you looked down at Earth from space, it would appear blue

One Well - Page 6-7 Note-catcher

Main Idea	
Key Detail #1	Key Detail #2
Detail from the illustration	

One Well- pages 16-17 Glossary

Word	What does it mean?
societies	
essential	
industry	

One Well- pages 16-17 Glossary

Word	What does it mean?
agriculture	
hydroelectric	
equivalent	

One Well - Page 16-17 Note-catcher

Main Idea #1	
Key Detail #1	Key Detail #2
Detail from the illustration	

One Well - Page 18-19 Note-catcher

Main Idea #1	
Key Detail #1	Key Detail #2
Detail from the Illustration	

One Well- page 18-19 Questions

1. Out of all of the examples on page 17, which one uses the most water?

2. Where does most of our drinking water come from? _____

3. Besides consuming water, how else do humans use water? _____

4. Is all of the water on Earth useable? Why or why not? _____

EXIT TICKET: Who do you think needs water the most? Humans, plants, or animals? Why?

One Well - Page 20-21 Note-catcher

Main Idea #1	
Key Detail #1	Key Detail #2
Detail from the Illustration	

One Well- page 20-21 Questions

1. Who uses the most water?

2. Who uses the least amount of water?

3. Poland uses (more or less) water than India.

4. Nepal uses (more or less) water than Russia.

5. How many times more water does Poland use than India?

6. What does the word distribution mean?

How do you know? _____

“Access to Freshwater”

It is a desperately worrying statistic that nearly one billion people in the world **lack** clean, healthy drinking water. Residents in the UK can turn on a tap and access safe drinking water whenever they like, but the situation is very different for the people of Africa.

Every day millions of people in Africa, usually women and girls, walk miles to have access to any water at all. The length of time it takes to collect the little water they can get means that they do not have time to do anything else during the day. Children do not get the chance to have an education simply because they are too busy collecting water.

To make matters worse, the only water they have access to is from streams and ponds. That water is usually full of diseases and makes themselves and their families very sick. Adults face the decision on a daily basis between **dehydration** and sickness from the water they drink. Even worse, they have to face this decision for their children.

Access to Freshwater - Note Catcher

Main Idea #1

Key Detail #1

Key Detail #2

Key detail #3

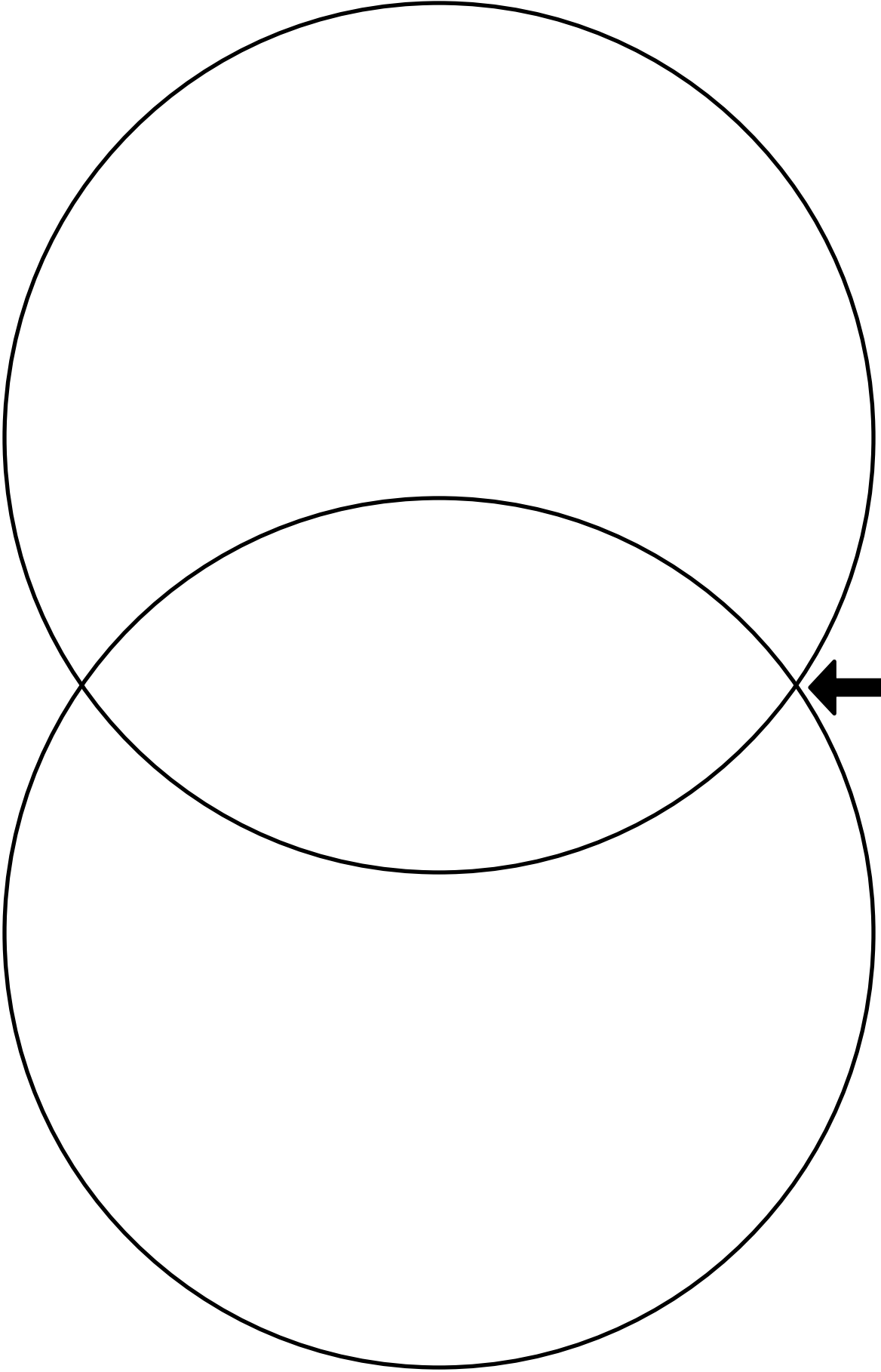
Access to Freshwater - Research Note-catcher

Research question: Why must we act now to protect our water supply?	
Issue	Impact
<p>(What is the issue people are facing with water?) The issue is: .</p>	<p>(How does the problem affect people?) It affects people by:</p>
Action	Call to Action
<p>(What are some ways to solve it?) Some ways to solve the issue are:</p>	<p>(Why is it important to solve the problem?) It is important to solve the problem because:</p>

Comparing and Contrasting Texts

Access to Freshwater

One Well pages 20-21



Similarities

One Well - Page 22-23 Note-catcher

Main Idea #1	
Key Detail #1	Key Detail #2
Detail from the Illustration	

Demands on Water Research Chart

Research question: Why must we act now to protect our water supply?	
Issue	Impact
(What is the issue people are facing with water?) The issue is: .	(How does the problem affect people?) It affects people by:
Action	Call to Action
(What are some ways to solve it?) Some ways to solve the issue are:	(Why is it important to solve the problem?) It is important to solve the problem because:

Learning Target: I can determine the main idea of a text.

Population Growth

If you live in a major city, you see the effects of population growth every day. When more people move into an area, a whole slew of support facilities must be built: housing developments, roads, shopping areas, and commercial and industrial facilities.

Not only is land disturbed when development occurs, but the stress on the water resources of the region is increased to supply everyone with water.

Main Idea #1
Key Detail

Research question: Why must we act now to protect our water supply?

Issue	Impact
<p>(What is the issue people are facing with water?) The issue is: .</p>	<p>(How does the problem affect people?) It affects people by:</p>
Action	Call to Action
<p>(What are some ways to solve it?) Some ways to solve the issue are:</p>	<p>(Why is it important to solve the problem?) It is important to solve the problem because:</p>

One Well - Page 24-25 Note-catcher

Main Idea #1	
Key Detail #1	Key Detail #2
Detail from the Illustration	

Demands on Water Research Chart

Research question: Why must we act now to protect our water supply?	
Issue	Impact
<p>(What is the issue people are facing with water?) The issue is: .</p>	<p>(How does the problem affect people?) It affects people by:</p>
Action	Call to Action
<p>(What are some ways to solve it?) Some ways to solve the issue are:</p>	<p>(Why is it important to solve the problem?) It is important to solve the problem because:</p>

One Well- Page 24-25 Vocabulary

Word	Definition in your own words
vapor	
atmosphere	
filtered	
transpire	

