

Steve Trash Science Video & Question and Activity sheet

The Water Cycle



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WATER CYCLE - STEVE TRASH SCIENCE - VIDEO - Grade 1-5

Thank you for downloading this resource!

The Water Cycle - STEVE TRASH SCIENCE - VIDEO is approx. 9:17 long.

It's curriculum based, fun, and even a little bit funny. It's appropriate for grades 1-5. Grade specific questions (grades 1-5) for the video are in this pdf. The **key (with answers)** is included in this pdf as well. Feel free to download the video and save to your computer and use anytime you want. Or use the link to simply view online when you want your kids to watch. No problem either way. Also... feel free to share the video with others.

You can download the video here for FREE...

<https://vimeo.com/221814405>

You also have the option to flip your classroom with this EDpuzzle...ENJOY!

<https://edpuzzle.com/media/5953089b32935e338958acb1>

I hope your students love this video and develop a passion for the environment and for environmental science.

Steve Trash - Rockin' Eco Hero

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Name: _____ Date: _____

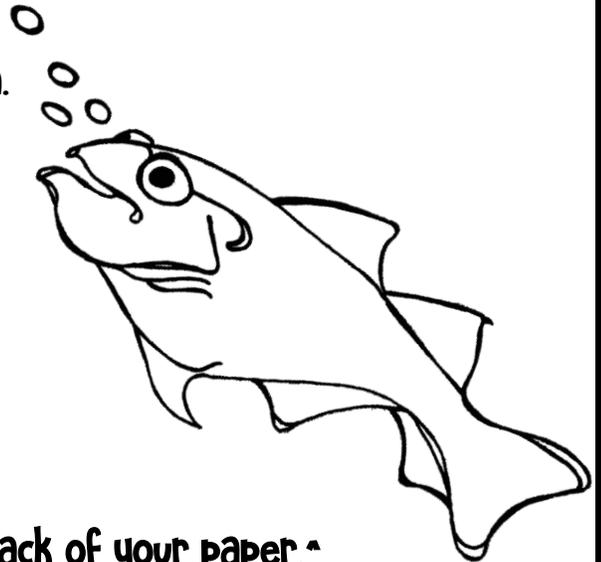
GRADE 1 QUESTIONS - Water Cycle - STEVE TRASH SCIENCE - VIDEO

Complete the table to show the parts of the water cycle. You will either write the missing word or draw the missing picture.

Condensation	1.	Precipitation
2.		3.

Fact or Opinion? Read the sentence it is a fact or an opinion. Write "F" or "O".

- ___ 4. The water cycle is driven by the heat of the sun.
- ___ 5. Water droplets condense to make clouds.
- ___ 6. Everyone on Earth uses too much water.
- ___ 7. I can conserve water by taking a shower.



Challenge Question: *Be resourceful use the back of your paper.*
There are over 7 billion people on Earth. We use lots of water! Make a list of ways that your class can conserve water at school or home.

ANSWER KEY

GRADE 1 QUESTIONS - Water Cycle - STEVE TRASH SCIENCE - VIDEO

Complete the table to show the parts of the water cycle. You will either write the missing word or draw the missing picture.

Condensation	1. evaporation	Precipitation
2. Student pictures will vary, but they should include a cloud.		3. Student pictures will vary, but they can show snow, rain, sleet, hail.

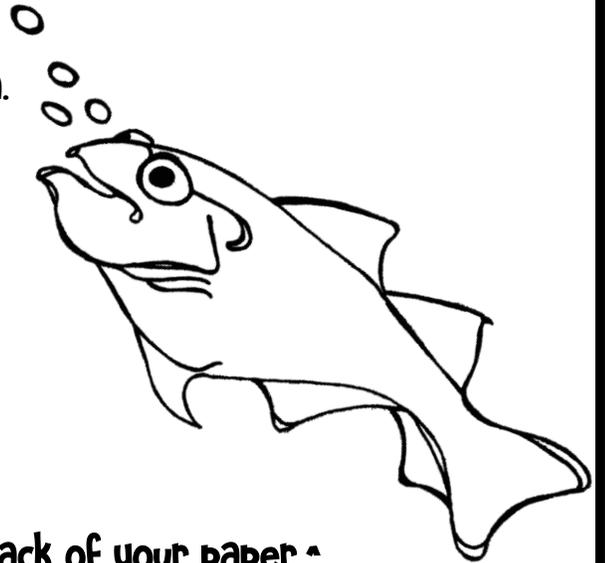
Fact or Opinion? Read the sentence it is a fact or an opinion. Write "F" or "O".

F 4. The water cycle is driven by the heat of the sun.

F 5. Water droplets condense to make clouds.

O 6. Everyone on Earth uses too much water.

F 7. I can conserve water by taking a shower.



Challenge Question: *Be resourceful use the back of your paper.*

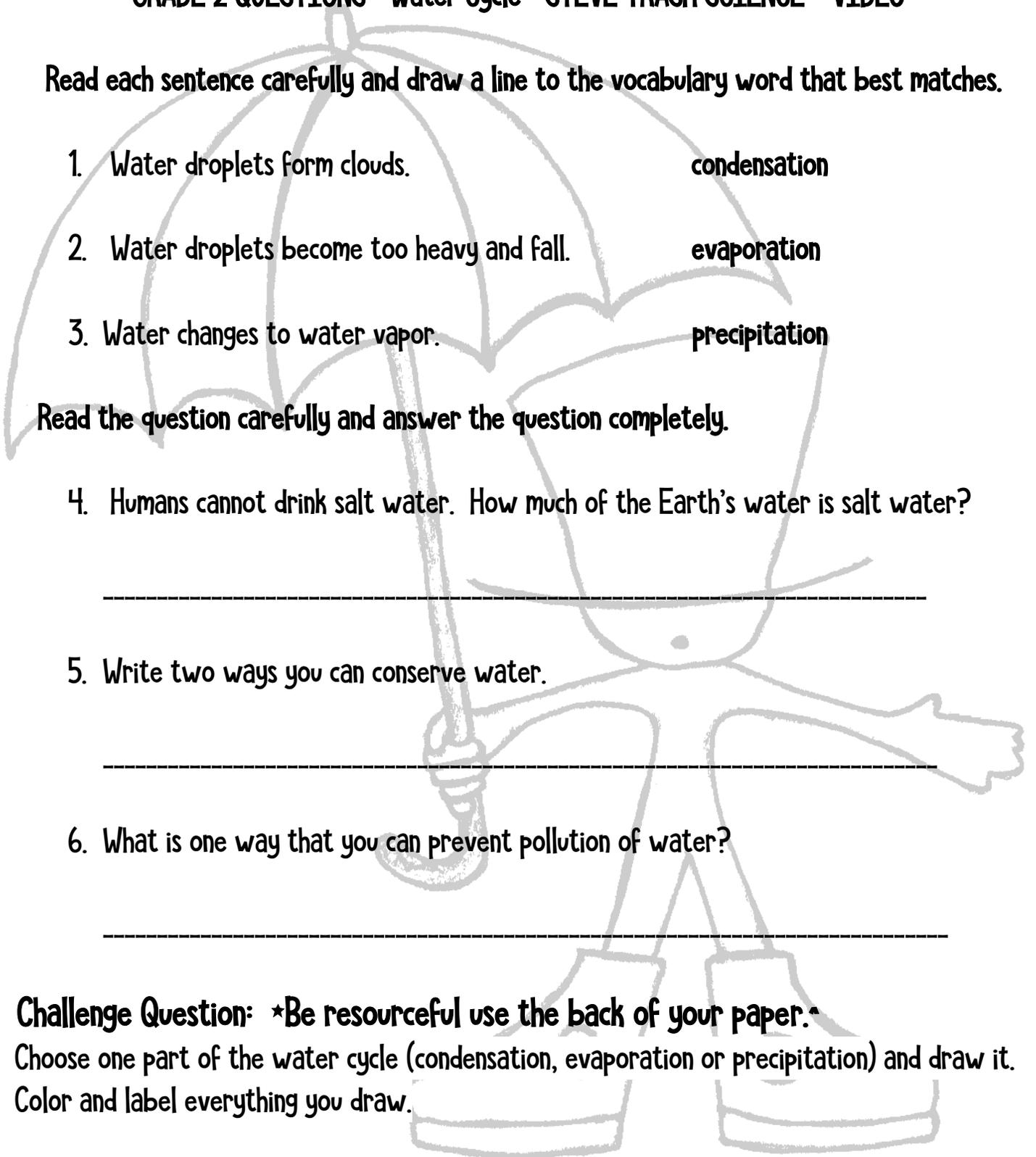
There are over 7 billion people on Earth. We use lots of water! Make a list of ways that your class can conserve water at school or home.

Student answers will vary. The list could include fix leaks, turn off water when not using it, take showers, etc.

Name: _____ Date: _____

GRADE 2 QUESTIONS - Water Cycle - STEVE TRASH SCIENCE - VIDEO

Read each sentence carefully and draw a line to the vocabulary word that best matches.

- 
1. Water droplets form clouds. **condensation**
 2. Water droplets become too heavy and fall. **evaporation**
 3. Water changes to water vapor. **precipitation**

Read the question carefully and answer the question completely.

4. Humans cannot drink salt water. How much of the Earth's water is salt water?

5. Write two ways you can conserve water.

6. What is one way that you can prevent pollution of water?

Challenge Question: *Be resourceful use the back of your paper.*

Choose one part of the water cycle (condensation, evaporation or precipitation) and draw it. Color and label everything you draw.

ANSWER KEY

GRADE 2 QUESTIONS - Water Cycle - STEVE TRASH SCIENCE - VIDEO

Read each sentence carefully and draw a line to the vocabulary word that best matches.

1. Water droplets form clouds. _____ condensation
2. Water droplets become too heavy and fall. _____ evaporation
3. Water changes to water vapor. _____ precipitation

Read the question carefully and answer the question completely.

4. Humans cannot drink salt water. How much of the Earth's water is salt water?

97%

5. Write two ways you can conserve water.

take a shower, turn water off when brush your teeth or fix leaks

6. What is one way that you can prevent pollution of water?

never put items in a storm drain

Challenge Question: *Be resourceful use the back of your paper.*

Choose one part of the water cycle (condensation, evaporation or precipitation) and draw it. Color and label everything you draw.

Student answers will vary. Examples: condensation – clouds, evaporation – water with wavy lines going up or precipitation – clouds releasing rain, snow, sleet or hail

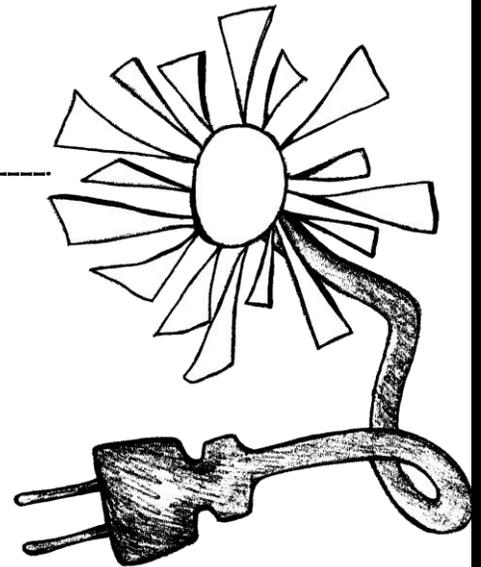
Name: _____ Date: _____

GRADE 3 QUESTIONS - Water Cycle - STEVE TRASH SCIENCE - VIDEO

Read the question and fill in the blank with the correct word.

aquifers	condensation	conserved	eons
freshwater	infiltration	transpiration	water

1. The _____ cycle is the process by which water moves continuously through the earth and atmosphere.
2. The cooling of water vapor in the atmosphere is _____.
3. When water soaks into the earth is it called _____ or percolation.
4. _____ are areas that hold groundwater.
5. Plants release water vapor through a process called _____.
6. Humans can only drink _____.
7. Water can be _____ by fixing leaky toilets or sinks.
8. The amount of water has not changed over _____.



Challenge Question: *Be resourceful use the back of your paper.*
Create a table showing the parts of the water cycle and how the water changes from solid to liquid to gas.

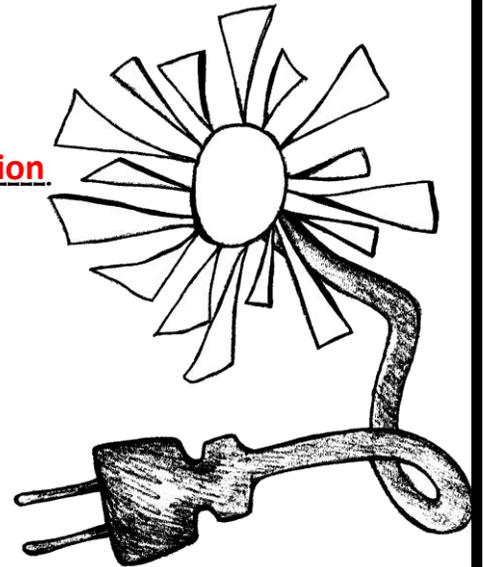
ANSWER KEY

GRADE 3 QUESTIONS - Water Cycle - STEVE TRASH SCIENCE - VIDEO

Read the question and fill in the blank with the correct word.

aquifers	condensation	conserved	eons
freshwater	infiltration	transpiration	water

1. The water cycle is the process by which water moves continuously through the earth and atmosphere.
2. The cooling of water vapor in the atmosphere is condensation.
3. When water soaks into the earth is it called infiltration or percolation.
4. Aquifers are areas that hold groundwater.
5. Plants release water vapor through a process called transpiration.
6. Humans can only drink freshwater.
7. Water can be conserved by fixing leaky toilets or sinks.
8. The amount of water has not changed over eons.



Challenge Question: *Be resourceful use the back of your paper.*

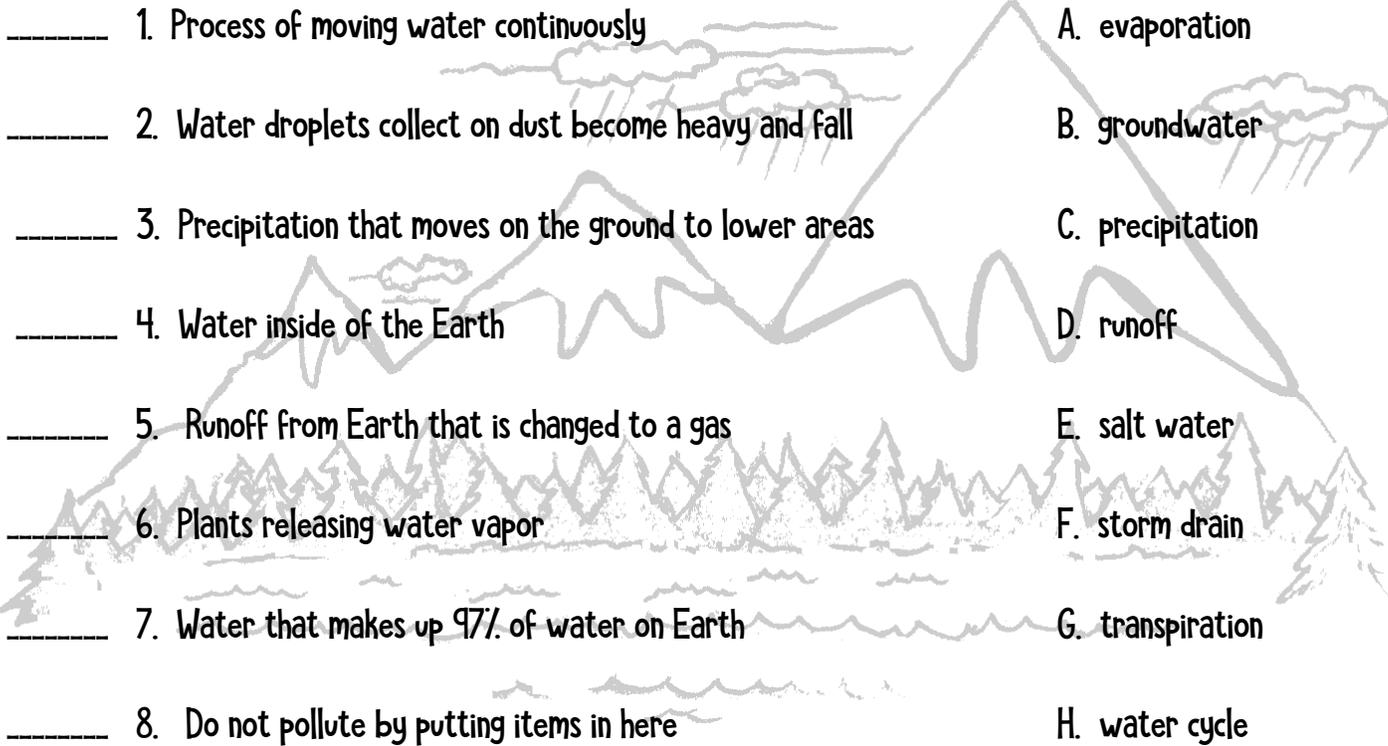
Create a table showing the parts of the water cycle and how the water changes from solid to liquid to gas.

condensation	evaporation	precipitation
gas to liquid	liquid to gas	gas to liquid or solid

Name: _____ Date: _____

GRADE 4 QUESTIONS - Water Cycle - STEVE TRASH SCIENCE - VIDEO

Match each statement with the correct vocabulary term.

- 
- _____ 1. Process of moving water continuously
- _____ 2. Water droplets collect on dust become heavy and fall
- _____ 3. Precipitation that moves on the ground to lower areas
- _____ 4. Water inside of the Earth
- _____ 5. Runoff from Earth that is changed to a gas
- _____ 6. Plants releasing water vapor
- _____ 7. Water that makes up 97% of water on Earth
- _____ 8. Do not pollute by putting items in here
- A. evaporation
- B. groundwater
- C. precipitation
- D. runoff
- E. salt water
- F. storm drain
- G. transpiration
- H. water cycle

Read the question carefully and answer the question completely.

9. If a faucet drips once every 3 seconds and wastes 2 gallons per day. How many gallons would be wasted in a week? SHOW YOUR AWESOME MATH BRAIN!!!!

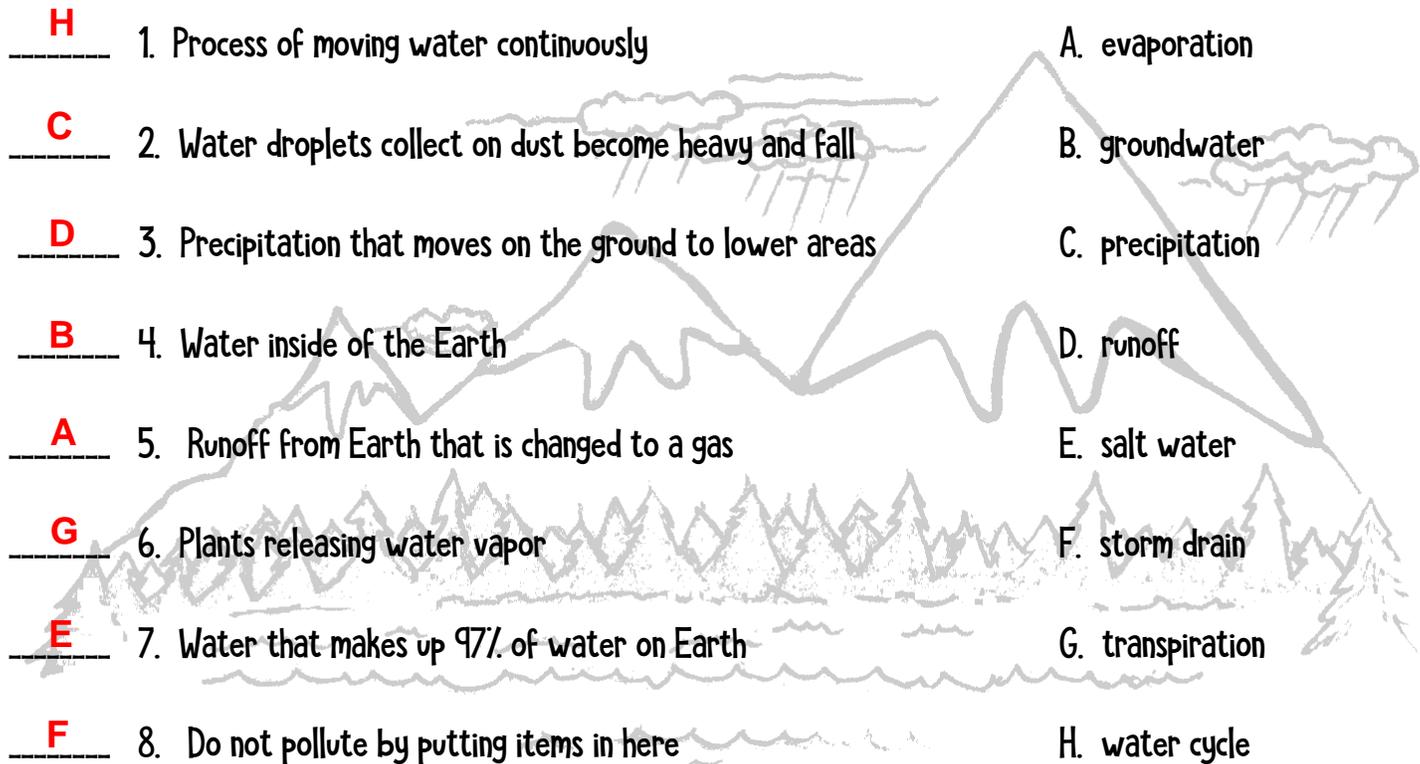
Challenge Question: *Be resourceful use the back of your paper.*

Since humans cannot drink salt water, what are ways that we could remove salt from the water? What already exists (exciting research time!) or what might you invent?

ANSWER KEY

GRADE 4 QUESTIONS - Water Cycle - STEVE TRASH SCIENCE - VIDEO

Match each statement with the correct vocabulary term.

- 
- H** 1. Process of moving water continuously
- C** 2. Water droplets collect on dust become heavy and fall
- D** 3. Precipitation that moves on the ground to lower areas
- B** 4. Water inside of the Earth
- A** 5. Runoff from Earth that is changed to a gas
- G** 6. Plants releasing water vapor
- E** 7. Water that makes up 97% of water on Earth
- F** 8. Do not pollute by putting items in here
- A. evaporation
B. groundwater
C. precipitation
D. runoff
E. salt water
F. storm drain
G. transpiration
H. water cycle

Read the question carefully and answer the question completely.

9. If a faucet drips once every 3 seconds and wastes 2 gallons per day. How many gallons would be wasted in a week? SHOW YOUR AWESOME MATH BRAIN!!!!

2 gallons per day x 7 days in a week = 14 gallons in a week

Challenge Question: *Be resourceful use the back of your paper.*

Since humans cannot drink salt water, what are ways that we could remove salt from the water? What already exists (exciting research time!) or what might you invent?

Students may research desalination. They might come up with a filtering invention to remove the salt too. The only problem with all the processes is that the salt will corrode the equipment very quickly.

Name: _____ Date: _____

GRADE 5 VIEWING GUIDE - Water Cycle- STEVE TRASH SCIENCE - VIDEO

As you watch the video, complete the following viewing guide.

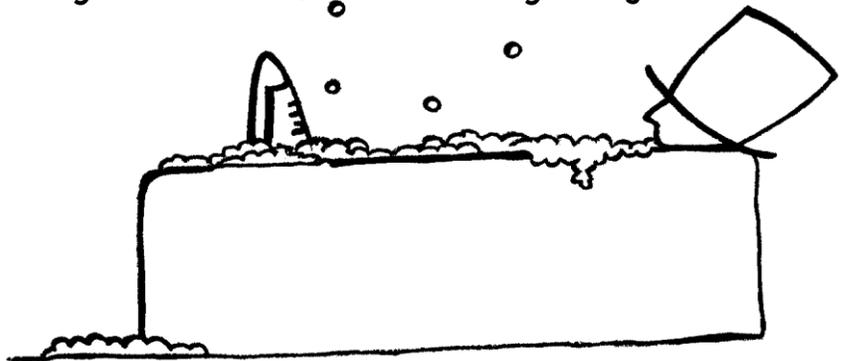
1. The _____ is the process by which water moves continuously through the Earth and atmosphere.

2. Parts of the Water Cycle:

A. _____

B. _____

C. Precipitation



3. The water cycle's motion is driven by the _____ and it has no end.

4. When precipitation falls it can _____ or infiltrated the ground.

5. The majority of the moisture in the atmosphere comes from bodies of water not _____ of plants.

6. The water cycle is important to humans because we enjoy doing things in the water and are made mostly of _____.

7. Water conservation is important because the amount of water has not changed over _____.

Challenge Question: *Be resourceful use the back of your paper.*

Create a blog post or poster on the ways we use water, how to conserve water and ways not to pollute water. Work with your school, community or city to post information to inform others about conservation of this resource

ANSWER KEY

GRADE 5 VIEWING GUIDE - Water Cycle- STEVE TRASH SCIENCE - VIDEO

As you watch the video, complete the following viewing guide.

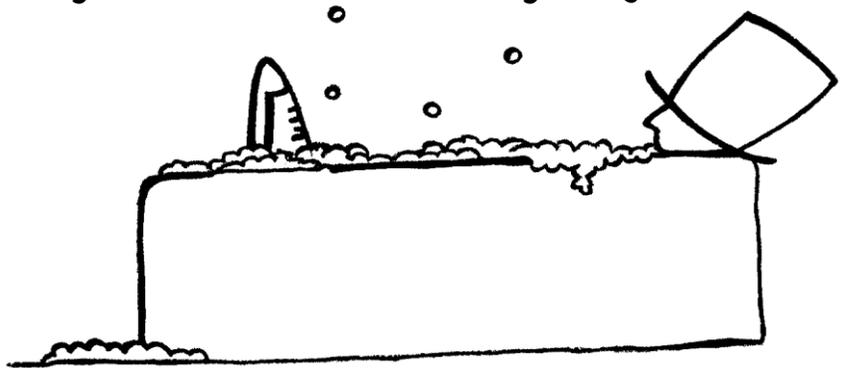
1. The water cycle is the process by which water moves continuously through the Earth and atmosphere.

2. Parts of the Water Cycle:

A. Condensation

B. Evaporation

C. Precipitation



3. The water cycle's motion is driven by the sun and it has no end.

4. When precipitation falls it can run off or infiltrated the ground.

5. The majority of the moisture in the atmosphere comes from bodies of water not transpiration of plants.

6. The water cycle is important to humans because we enjoy doing things in the water and are made mostly of water.

7. Water conservation is important because the amount of water has not changed over eons.

Challenge Question: *Be resourceful use the back of your paper.*

Create a blog post or poster on the ways we use water, how to conserve water and ways not to pollute water. Work with your school, community or city to post information to inform others about conservation of this resource.

Student designs will vary. Possible information to include... Ways we use water: delicious treats, brush teeth, drink, recreation, hydropower, put out forest fire and water lawns; Conservation: take a shower, turn water off when brushing teeth and fix leaks; Ways not to pollute: do not put anything into a storm drain.