

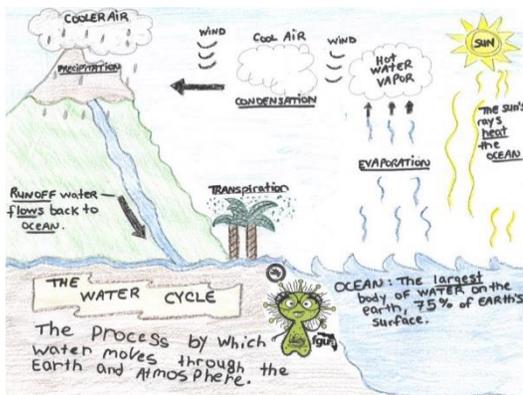


Teaching Materials – 2021 Water Awareness Poster Contest

Overview

Theme: The Power of Water!

To keep our program fresh, the water-related theme changes each year. The 2021 program theme is The Power of Water! Follow along as our mascot, Drippy learns about water's power to transform, water's power to influence landscaping and climate, and various uses of water. In addition, students will also learn about the importance of conservation and how they can encourage others to conserve, too!



Example of a winning poster from our 2020 program. Theme: “Drippy’s Big Adventure”

This year’s theme will have four main ideas:

1. The Power of Transformation
2. Water Uses
3. The Power to Influence
4. The Importance of Conservation

For the contest, student’s poster designs should illustrate one of the four main ideas in order to remain competitive in the contest. Creative designs are highly encouraged since each poster will show what students learned to their community.



Main Ideas

The Power of Transformation:

a. Key Ideas:

-  The hydrologic/water cycle
-  Water's ability to change form (solid, liquid, gas)

b. Related Discussion Questions:

Q: What is the hydrologic cycle?

A: The process of water going through evaporation, condensation, and precipitation

Q: What are the different forms water can transform into?

A: Solid, liquid, gas

Water Uses:

a. Key Ideas:

-  Plants, animals, and humans depend on water for survival.
-  Water has the power to generate energy.
-  How utility companies supply clean water throughout the community.

b. Related Discussion Questions:

Q: Why is water important for plants, animals, and humans?

A: Plants, animals, and humans need water to survive. Plants are also important for the food chain for animals and humans.

Q: How does water have the power to create energy/electricity?

A: Through the process of hydropower, and how hydroelectricity works.

Q: How do utility companies supply clean water throughout a community?

A: Water is pumped from aquifers, treated, filtered, and then stored until ready for distribution.

The Power to Influence:

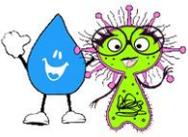
a. Key Ideas:

-  Water has the power to influence climate.
-  Water has the power to carve/shape landscaping.

b. Related Discussion Questions

Q: How does water influence climate?

A: Ocean currents influence/change air temperatures.



Q: How does water carve/shape landscaping?

A: Through the process of erosion.

The Importance of Conservation:

a. Key Ideas:



Limited supply of fresh water.



How utility companies help conserve water.



Being mindful of water usage can help us to conserve water.



Landscaping can help conserve water.

b. Related Discussion Questions

Q: What are some ways utility companies help to conserve water?

A: Water use permit (restrictions on how much water can be pulled from aquifers), use of reclaimed water, and encouraging conservation by charging water at higher consumption rates at a higher rate tier.

Q: What are some ways you and your family can help to conserve water?

A: Landscape with Florida Friendly plants, and be mindful of water usage (shorter showers, check for leaks, etc.).

Poster Ideas

Teachers are encouraged to expand on one of the four main ideas for this year's theme, by developing a lesson plan around water's power to transform, various uses of water, water's power to influence landscaping and climate, or conservation. Below is a list of ideas of what posters could look like as they relate to each main idea. These are simply meant to provide you with some guidance. We highly encourage you and your class to take this a step further and come up with other creative poster ideas that relate to the topics but aren't listed below.

Main Idea #1: Transformation

- Drippy changing forms (solid, liquid, gas).
- Drippy in the hydrologic/water cycle.

Main Idea #2: Water Uses

- Drippy's importance to the survival of animals, humans, and plants.
- Drippy leaving an aquifer, being treated, and being distributed throughout the community.
- Drippy creating hydropower/hydroelectricity.



Main Idea #3: The Power to Influence

- Drippy influencing climate.
- Drippy carving/shaping landscaping.

Main Idea #4: The Importance of Conservation

- Drippy using Florida Friendly Landscaping.
 - Illustrate ways you can save water (shorter showers, water off when brushing teeth, encouraging adults to run full loads in washing machine/dishwasher, etc.)
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Resources

Please visit our website www.watercontest.org for additional resources to assist you with teaching your class about topics related to this year's theme, reinforce learning, and help students build their posters.

Materials: All registering teachers will receive a packet with the following materials.

- Stickers
- Label
- Coloring Sheets
- Return Tags
- Tote Bag
- Water Bottle
- Rubric
- Return Form

Should you have any questions, comments, or concerns, please feel free to contact Patti Clark at (727) 372-0115 ext 1024, or by email at info@watercontest.org.