

YOUTH ART PROJECT FOR:

# Earth's Water Sources

### OBJECTIVE

Students will learn about the earth's water sources and the percentage of where it comes from.

Set up/prep time:

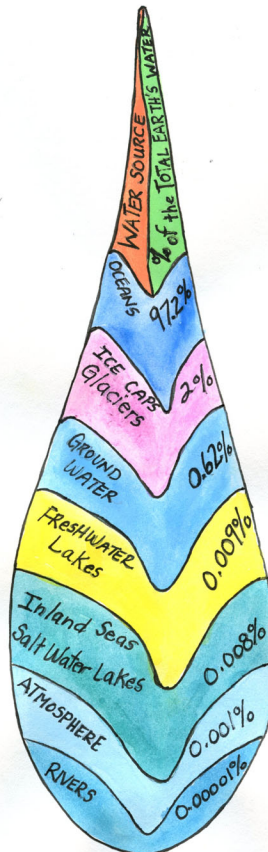
**30 minutes**

Activity Time:

**1-2 hours**

Materials Needed:

**Colored markers, fine point black marker, pencil, eraser, and paper.**





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## COMMON CORE STATE STANDARD

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ELA-CCSS.ELA-Literacy in Science.RST.6-8.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).

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## PRE LESSON ASSESSMENT

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What do the students already know about the earth's water sources?

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## VOCABULARY

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Ground Water, Ice Caps/Glaciers, In-Land Seas

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## RELEVANT RESOURCES

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### Content

[http://extension.usu.edu/files/publications/publication/NR\\_WQ\\_2011-9.pdf](http://extension.usu.edu/files/publications/publication/NR_WQ_2011-9.pdf)

<http://ga.water.usgs.gov/edu/earthwherewater.html>

[http://en.wikipedia.org/wiki/Water\\_distribution\\_on\\_Earth](http://en.wikipedia.org/wiki/Water_distribution_on_Earth)

### Art

<http://www.clker.com/cliparts/Z/W/z/U/P/N/raindrop-hi.png>

<http://sanibelseaschool.files.wordpress.com/2010/01/graph2.jpg>

### Students will engage in:

- Listening
- Speaking
- Reading
- Writing
- Partner Work
- Cooperative Learning
- Whole Group Instruction
- Visuals
- Hands on
- Technology Integration
- A Project
- Centers
- Simulations
- Activities

*"For whatever we lose (like a you or a me),  
It's always our self we find in the sea."  
-E.E. Cummings*





## STEP 1

Using a pencil have the students draw a large water drop in which they will section it off to represent the variety of sources of the earth's water. Be sure to draw a water drop large enough so that it can be divided into seven sections as well as a title- (eight sections total).

## STEP 2

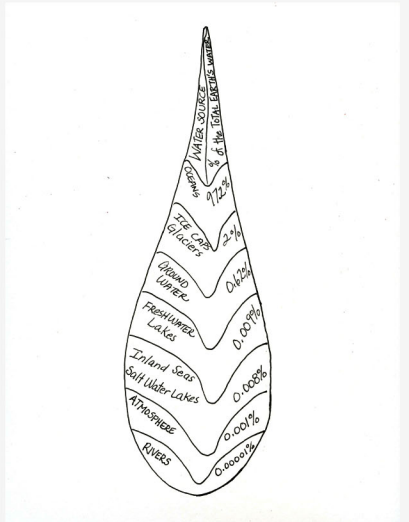
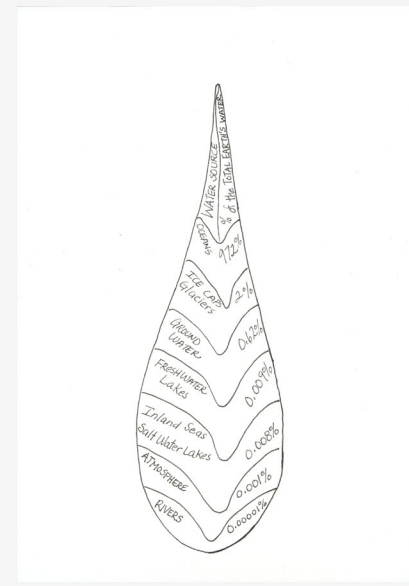
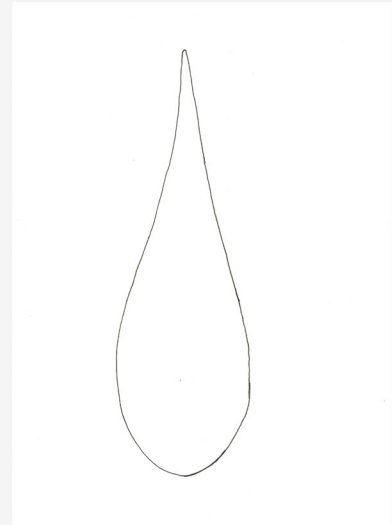
Once the outline drawing of the water drop is completed have the students' section off the eight parts within the water drop and have them fill in the sources of the earth's water as well as the percentages. On the upper top left side of the water drop have them write "Water Sources" and on the upper top right side tip have them write % of the total earth's water.

Next have them section off their drop into the following seven sources and their percentage in pencil.

1. Oceans 97.2%
2. Ice Caps Glaciers 2%
3. Ground Water 0.62%
4. Freshwater Lakes .009%
5. Inland Seas Salt Water Lakes .008%
6. Atmosphere .001%
7. Rivers .00001%

## STEP 3

Once the information is written out in pencil within the water drop have the students verify and check for accuracy. Then have them go over their pencil markings with a black fine point pen. After they are done have the students then color their artwork and share their new knowledge with the class.



### POST LESSON ASSESSMENT

Do a post assessment to determine what new knowledge the students have gained about the Earth's Water Sources.