



materials for the arts

## Geography: Earth's Water

**Teacher:** Damariz Corella

**Overview:** Unit I explores the geography, resources and cultures found in communities throughout the world. In this unit it is the eye opener to the years social studies lesson in the third grade.

**Central Theme:** This theme will enable students to recognize and construct different types of bodies of water. Earth's geography varies from place to place. A place's geographic features, climate, and weather affect how people live.

### Essential Question:

1. What is a body of water?
2. What kind of body of water covers most of the Earth?
3. What is a river?
4. What is a lake?
5. How are rivers and lakes alike?
6. How are rivers and lakes different?
7. How are rivers and streams alike?
8. What are the advantages of building a community near water?

### Students Objectives – Learning Goals

1. Students will become aware of the different types of bodies of water.
2. Students will be able to draw and write about each body of water.
3. Students will be able to compare and contrast two different bodies of water by using a venn diagram.
4. Students will do a flip chart on 4 types of bodies of water.
5. Students will be able to construct one type of body of water from recycle paper and reusable materials. (paper machete, sculpting powder, acrylic paint)
6. Students will be able to do a presentation of their own body of water.

### Suggested Text

- Me on the Map by Joan Sweeney, Dragonfly Books, 1998
  - *A little girl learns about maps, from a map of her room to a map of the world.*
- A World of Wonders: Geographic Travels in Verse and Rhyme by J. Patrick Lewis, Dial, 2002
  - *This collection of poems teaches young readers about geography.*
- Up, Up, and Away: A Round-the-World Puzzle Adventure by Scot Ritchie, Maple Tree Press, 2006
  - *Six children win a trip around the world.*
- How I learned Geography By Uri Shulevitz, Farrar, Straus and Giroux, 2008.
  - *As a boy and his father adjust to life in anew country, the boy learns geography with the help of a map that hangs on the wall in their new home.*
- Got Geography! By Lee Bennett Hopkins, Greenwillow, 2006
  - *The collection of poems explains many aspects of geography.*



## Additional Resources

- <http://worldlandforms.com>
- [http://www.internet4classrooms.com/links\\_grades\\_kindergarten\\_12/landforms\\_lesson\\_plans\\_social\\_geography.htm](http://www.internet4classrooms.com/links_grades_kindergarten_12/landforms_lesson_plans_social_geography.htm) (See Below)

### BODIES OF WATER AND LANDFORMS:

1. **Color Landforms Atlas of the United States** - a large number of maps are available, take a look at your state's 1895 map
2. **Exploring Landforms in the United States** - thirteen pages of images related to maps, landforms and features of the earth
3. **Illustrated Glossary of Alpine Glacial Landforms** - Click on a feature to see an illustrated example of that feature
4. **Landforms** - pictures to help identify landforms.
5. **Landforms in the Continental United States** - high quality transparency master
6. **Landform Definitions** - quiz to be answers whole class or printed out for individual assignments.
7. **Types of Land** - learn more about types of land when you click on them in the map.
8. **Label Landforms** - Print this sheet and label the landforms using a word bank (Items tested: archipelago, bay, gulf, isthmus, island, lake, peninsula, river, & strait).
9. **Landforms and Bodies of Water "Look It Up" Quiz** - a printable quiz from Enchanted Learning
10. **Landforms and Natural Resources of the U.S.** - Quia quiz
11. **Landforms of Tennessee** - 6 main land regions; The Blue Ridge, the Appalachian Ridge and Valley Region, the Appalachian Plateau, the Highland Rim, the Nashville Basin, and the Gulf Coastal Plain.
12. **Landforms of the World** - (site may be blocked by some school filters)
13. **Photos** - links to sites that have online photos and images of the environment, landforms, plants, animals, and biology topics.
14. **Quizzes on Landforms** - Matching game, word search,
15. **Venn Diagram Worksheet Maker** - from Technology - Compare Landforms - Use a Venn diagram to compare and contrast two different landforms or bodies of water.
16. **World Geography** - all aspects of geography - oceans, seas, lakes, deserts, mountains, caves, caverns, and more.
17. **Lesson Plans and Games**
18. **Geography Lesson Plans and Resources**
19. **World Pizza** - Build a pizza and learn where each topping is comes from.
20. **National Geographic Geography Games** - quizzes and games on World Geography
21. **Earth and Moon viewer** - You can view either a map of the Earth showing the day and night regions at this moment, or view the Earth from the Sun, the Moon, the night side of the Earth, above any location on the planet specified by latitude, longitude and altitude, from a satellite in Earth orbit, or above various cities around the globe.
22. **Earth's Land Games, Puzzles, Quizzes, Trivia** - games, puzzles, quizzes, trivia
23. **Geography4Kids** - a mixture of Earth Science and Social Studies topics
24. **Geography Dictionary and Glossary for Students** - " primarily aimed at supporting secondary/senior/high school and early tertiary students who are studying Geography or related subjects such as Earth Sciences."
25. **Geography Hotlist**
26. **Geo Net Geography games** - Select US or World and then select a specific region. For each region there are six games
27. **National Geographic Xpeditions** - This huge and growing site for geography educators and students contains more than a hundred original lesson plans and after-school activities for grades K-12, an outline map atlas with more than 1,800 free maps designed for printing or building Web sites, forums where teachers and students can discuss geography, and a 3-D virtual museum of geography built in the spirit of the game Myst.
28. **VolcanoWorld** - Oregon State's Excellent Source of Volcano Info



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29. **World Explorers**
30. **World Geography Games** - Many sites that test your knowledge on Geography.
31. **World Time** : watch the night shadow move across a globe centered on your location. You can also see what the shadow looks like with any chosen country centered in the view.
32. **World Travel** - Interactive site to learn about the continents and countries and their climates; listen to music from various countries, maps to print and more.
33. **Zoom into Maps** - migration, pictorial, transportation, historical and many more.

### OTHER BOOKS:

1. What Makes It Rain? By Keith Brandt
2. The Mother Ditch by Oliver LaFarge (ISBN: 0613770293)
3. Water: Liquid, Solid, Gas, by Fay Robinson (Wright Group TWiG Books)
4. Save the River! by Sarah Glasscock (Steck-Vaughn: Pair-It Books)
5. Getting the Water We Need; Getting Rid of Waste Water; How Faucets Work by Fred and Jeanne Biddulph (The Wright Group: Sunshine Books)
6. World of Water by William T. Ryan (Newbridge: Discovery Links)
7. A River Ran Wild by Lynne Cherry Down Comes the Rain by Branley, Franklyn M. Branley (Harper Collins: Let's Read and Learn about Science 1983)
8. Follow the Water from Brook to Ocean by Arthur Dorros (Harper Collins, 1991)
9. The Drop in My Drink: The Story of Water on Our Planet by Meredith Hooper (Viking/ Penguin Putnam 1998)
10. Re-cycles by Michael Elsohn Ross (Milbrook Press: Cycles 2002)
11. The Snowflake: A Water Cycle Story by Neil Waldman (Milbrook Press, 2003)
12. A Drop Of Water: A Book of Science and Wonder by Walter Wick (Scholastic, 1997)

### INTERNET RESOURCES FOR TEACHERS

- <http://ga.water.usgs.gov/edu/watercycle.html>
- [http://en.wikipedia.org/wiki/Water\\_cycle](http://en.wikipedia.org/wiki/Water_cycle)
- <http://observe.arc.nasa.gov/nasa/earth/hydrocycle/hydro1.html>
- <http://www.cabq.gov/waterconservation/> (possibly for students as well)
- <http://www.unm.edu/~abqteach/EnvirCUs/99-03-04.htm> (Rio Grande River)
- <http://nmculturenet.org/heritage/river/pages/language.html#overview> (Lesson Series on studying the Rio Grande)
- <http://ga.water.usgs.gov/edu/watercycle.html> (includes water cycle diagram in over 30 languages, detailed summary of water cycle in Spanish)

### INTERNET RESOURCES FOR STUDENTS

13. <http://kids.earth.nasa.gov/droplet.html> <http://www.cet.edu/ete/modules/mse/earthsysflr/water.html>  
[http://www.epa.gov/region7/kids/drnk\\_b.htm](http://www.epa.gov/region7/kids/drnk_b.htm) <http://www.units.muohio.edu/dragonfly/water/>

### RESOURCES IN SPANISH

14. <http://ga.water.usgs.gov/edu/watercyclespanish.html> <http://water.usgs.gov/gotita/>  
[http://www.windows.ucar.edu/tour/link=/earth/Water/water\\_cycle.sp.html](http://www.windows.ucar.edu/tour/link=/earth/Water/water_cycle.sp.html)



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## Geography: Earth's Water

### Focus Standards- CCSS

Put a check for each:

#### Reading Standards for Informational Text

- ( ) **RI.3.1:** Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.
- ( ) **RI.3.2:** Determine the main idea of a text; recount the key details and explain how they support the main idea.
- ( ) **RI.3.3:** Describe the relationship between a series historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and the cause/effect.
- ( ) **RI.3.7:** Use information gained from illustrations (e.g. photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).
- ( ) **RI.3.8:** Describe the logical connection between particular sentences and paragraphs in a text. (e.g., first, second, third in a sequence)
- ( ) **RI.3.9:** Compare and contrast the most important points and key details presented in two texts on the same topic.

#### Speaking and Listening Standards

- ( ) **SL.3.1:** Engage effectively in a range of collaborative discussions (in groups) with diverse partners on grade 3 topics and texts, building on others' ideas and expressing their own clearly.



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## Geography: Earth's Water

Exit Slip	
3	Things I Learned Today ...
2	Things I Found Interesting ...
1	Question I Still Have ...