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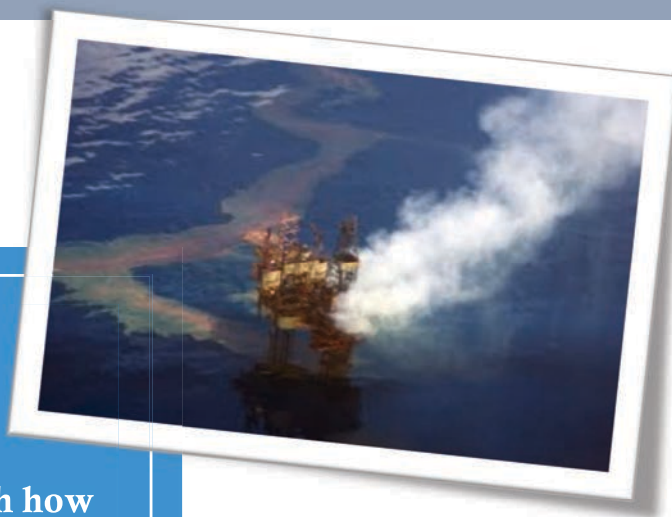
Water Pollution in the United States

Introduction

Hello students!

For your next project you will be creating a poster about water pollution in the United States. You will be divided into groups of 2-3 and assigned a water-type. Your group will then research how your water-type becomes polluted, what effects it has on the environment, and one specific pollution incident pertaining to your water-type.

Water pollution is a serious environmental problem that occurs throughout the country. This project will help you learn about the different types of water pollution and how harmful it can be.



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Task

Your task will be to create a poster about water pollution in the United States. Students will be divided into groups of 2-3 and assigned one of the following:

-Rivers

-Lakes

-Oceans

-Ground Water

-Rain

Each group will research how their water-type can become polluted, what effects its pollution has on the environment, and one specific pollution incident pertaining to their water-type. Include all 3 of these on your poster, along with at least 2 visuals showing your water-type polluted.



Process

In order to complete your task, you will need to follow a series of steps.



Collaborative Process:

- 1.) Students will be divided into groups of 2-3.
- 2.) Each group will be assigned one of the following water-types:
 - Rivers
 - Lakes
 - Ocean
 - Ground Water
 - Rain
- 3.) Each group will research how their water-type can become polluted, what effects it's pollution has on the environment, and one specific pollution incident pertaining to that water-type. Be sure to cite all sources!
- 4.) Check out the *Resources* page to get started on your research.
- 5.) Once research is complete, groups will be given a large sheet of poster paper to make their poster.
- 6.) Posters should include: title (water-type), how the water-type can become polluted, what effects its pollution has on the environment, one specific pollution incident pertaining to the water-type, at least 2 visual aids showing the water-type polluted, and a works cited.
- 7.) Groups will present their poster to the class and display it in the hallway.

Resources

Below are some resources to help you get started on your research. You are not limited to these resources. In fact, you are encouraged to find your own, as long as they are credible sources.

WEBSITES

<http://www.nrdc.org/water/>

<http://water.epa.gov/aboutow/owow/waterqualityfacts.cfm>

<http://www.sustainabletable.org/267/water-quality>

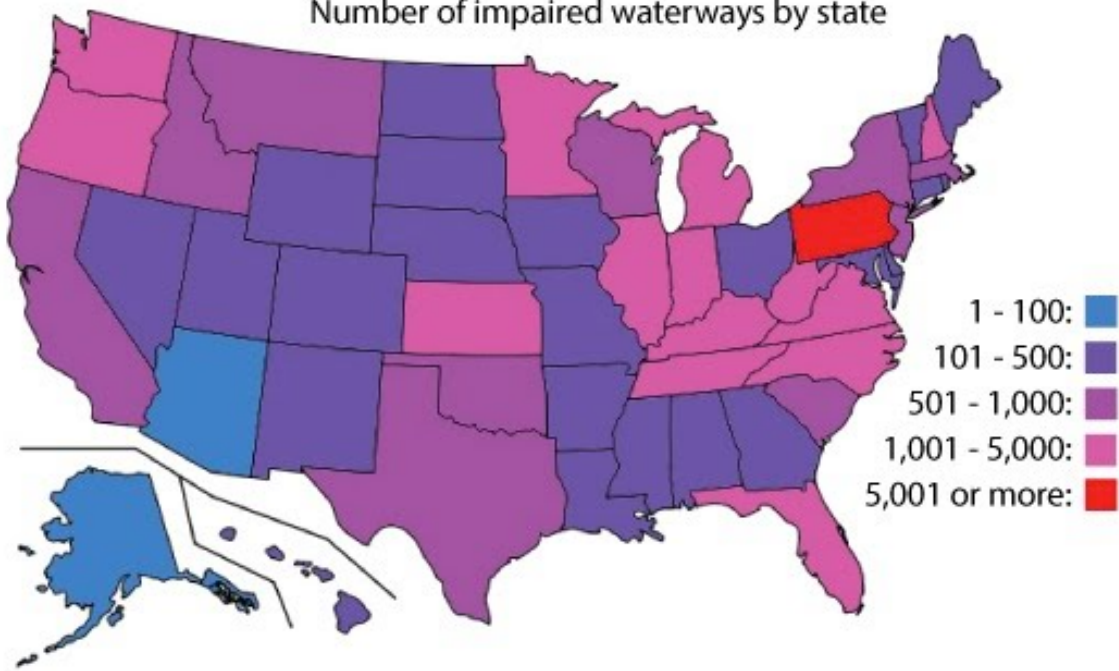
http://education.nationalgeographic.com/education/programs/oceans-education/?ar_a=1

YOUTUBE VIDEO

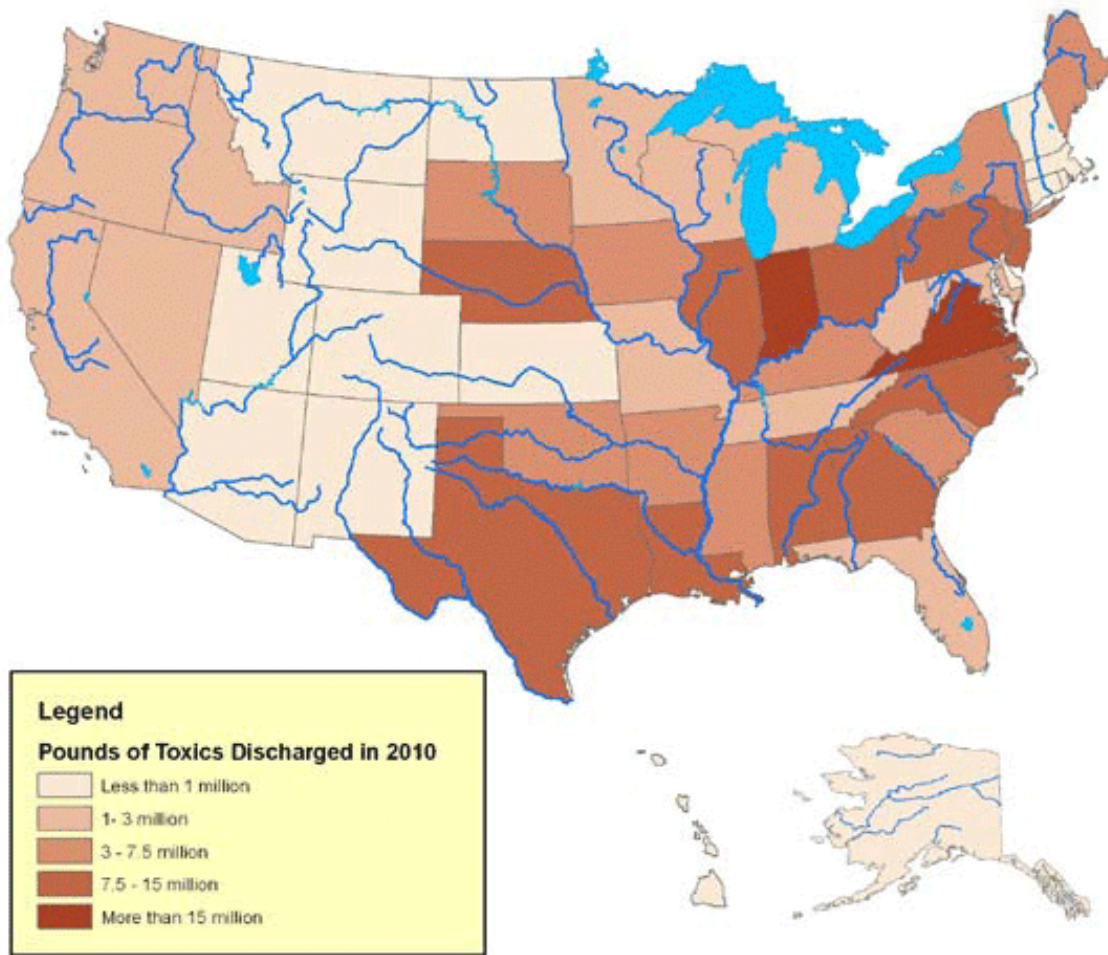
“Explore More: Water Quality”

<https://www.youtube.com/watch?v=RMyCcWECbNE>

Number of impaired waterways by state



Source: EPA Water Quality Assessment, National Summary



<http://www.motherjones.com/blue-marble/2012/03/top-10-polluted-rivers-waterways>

Evaluation

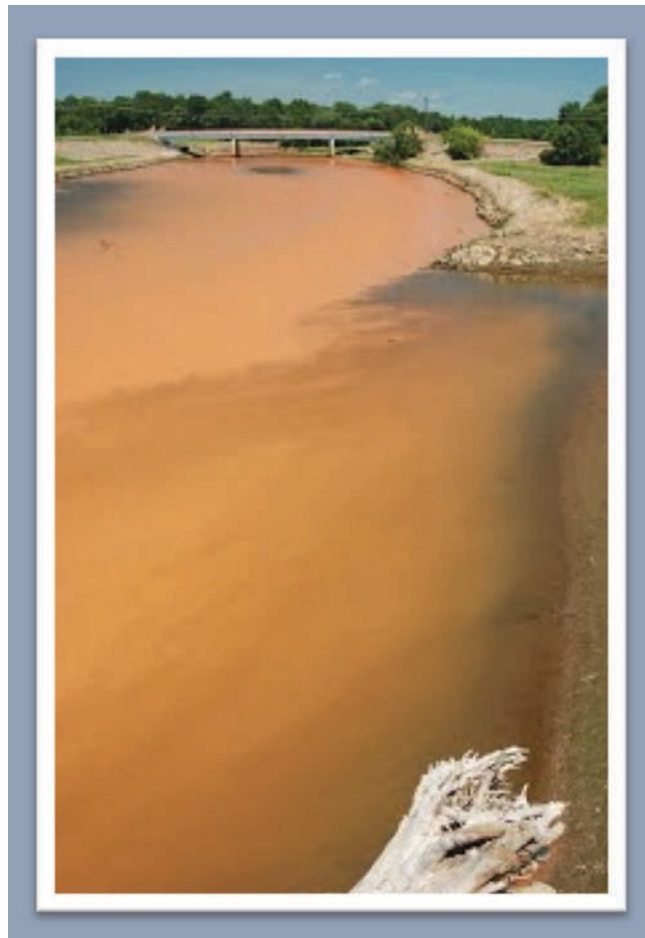
<u>Category</u>	<u>Excellent</u>	<u>Good</u>	<u>Sufficient</u>	<u>Requires Work</u>
Poster Information 1	The poster includes a title (water-type), at least 2 visual aids showing the water-type polluted, and a works cited. (20 points)	The poster includes a title (water-type), 1 visual aid showing the water-type polluted, and a works cited. (19-15 points)	The poster includes only 2 of the following: title (water-type), 1 or more visual aids showing the water-type polluted, and a works cited. (15-10 points)	Needs work. The poster includes only 1 or none of the following: title (water-type), 1 or more visual aids showing the water-type polluted, and a works cited. (<10 points)
Poster Information 2	The poster accurately describes how the water-type can become polluted, what effects its pollution has on the environment, and one specific pollution incident pertaining to the water-type. (20 points)	Most of the time, the poster accurately describes how the water-type can become polluted, what effects its pollution has on the environment, and one specific pollution incident pertaining to the water-type. (19-15 points)	Only sometimes does the poster accurately describe how the water-type can become polluted, what effects its pollution has on the environment, and one specific pollution incident pertaining to the water-type. (14-10 points)	Needs work. The poster does not accurately describe how the water-type can become polluted, what effects its pollution has on the environment, and one specific pollution incident pertaining to the water-type. (<10 points)
Workmanship	The poster is organized, neat, and visually appealing. (10 points)	The poster is relatively organized and neat, with elements that are visually appealing. (9-8 points)	The poster is average in terms of organization and neatness, but not visually appealing. (7-6 points)	The poster is not organized, neat, or visually appealing. (<6 points)
Group Collaboration/ Participation	Each group member actively contributes to the poster and the work is evenly distributed. (10 points)	Each group member contributes to the poster, but the work is not evenly distributed. (9-8 points)	Only some group members contribute to the poster and do all of the work. (7-6 points)	One group member is the only contributor to the poster and does all of the work. (<6 points)

TOTAL: 60 Points

Conclusion

You've learned a great deal about water pollution in the United States up to this point. You've learned about how a particular type of water can become polluted, how its pollution can effect the environment, and a pollution incident pertaining to that water-type. Not only have you become expert researchers, but you've also applied that knowledge to a project of your own. Through your research, you have created a poster detailing water pollution in the United States.

Thank you for all of your hard work!



By Mollie Ullestad, Geographic Alliance of Iowa