

Water Conservation

WebQuest Description: Water...we need it to survive! So lets explore ways to conserve it.

Grade Level: 9-12

Curriculum: Social Studies

Keywords: Water, Conserve, Pollution, Reservoir, Reuse, Recycle, Reduce, Conservation

Published On:

Last Modified: 2019-04-15 17:09:39

WebQuest URL: <http://zunal.com/webquest.php?w=406764>

Introduction

Water conservation is a big thing, but every little bit helps, so don't think that what you do doesn't matter. A whole lot of people doing a little bit adds up to a whole lot. We must all make changes in our lifestyles that will change the course of our water and its quality. Water conservation needs to be a way of life, not just something we think about once in a while. If we all do our part in conserving the water of our country Trinidad and Tobago, we can make a huge difference for our environment. What do you think we can do to conserve our precious water we use to survive?

Tasks

In groups of three, you will work together to make a Power Point Presentation. Your Presentation should include: Outline 3 benefits of Water. Identify where our water supplies are in Trinidad and Tobago. Explain 3 ways we can Conserve water. Reflection on this activity. Your task is to make others aware of how important water is to our survival. When you are finished with your power point presentation and presented to your teacher, your ideas will be noted and given to the appropriate authorities. First, you will have to learn more about how we benefit from water. Secondly, where it is stored or reserved in our country. Lastly, learn ways to conserve water. You can use many pictures or videos as possible and narrate it appropriately. Collaborate and communicate with your group members using emails, skype, voice notes etc. After reviewing your resources and completing the research, you should have enough information to put in your power point presentation.

Process

ACTIVITY #1 You will find out how important water is to us, the way we use water and what would we be without it. Make notes related to and introduction to the first few slides of your power point presentation. **ACTIVITY #2** Identify and retrieve preferred pictures of the reservoirs of Trinidad and Tobago. State the addresses of the reservoirs and how much water it can store. **ACTIVITY #3** You would then identify and create a check list of ways in which you can conserve water. When you gather all this information and complete all activities you can now use your information and successfully create your power point presentation!! **Process:** On your marks, get set, GO!

Evaluation

Category and Score	5	4	3-2	2-1	Score
Attractiveness	Excellent Makes excellent use of font, color, graphics, effects, etc. to enhance the presentation.	Good Makes good use of font, color, graphics, effects, etc. to enhance to presentation.	Satisfactory Makes use of font, color, graphics, effects, etc. but occasionally these detract from the presentation content.	Needs Improvement Use of font, color, graphics, effects etc. but these often distract from the presentation content.	5
Organisation	Excellent Content is well organized using headings or bulleted lists to group related material.	Good Uses headings or bulleted lists to organize, but the overall organization of topics appears flawed.	Satisfactory Content is logically organized for the most part.	Needs Improvement There was no clear or logical organizational structure, just lots of facts.	5
Sources	Excellent Source information collected for all graphics, facts and quotes. All documented in desired format.	Good Source information collected for all graphics, facts and quotes. Most documented in desired format	Satisfactory Source information collected for graphics, facts and quotes, but not documented in desired format	Needs Improvement Very little or no source information was collected.	5

Category and Score	5	4	3-2	2-1	Score
Content	Excellent Covers topic in-depth with details and examples. Subject knowledge is excellent.	Good Includes essential knowledge about the topic. Subject knowledge appears to be good.	Satisfactory Includes essential information about the topic but there are 1-2 factual errors	Needs Improvement Content is minimal OR there are several factual errors.	5
				Total Score	20

Conclusion

Well done! You have reached the end of the task and every one should now have their power point presentation ready to and also ready to present it in your classroom for authorities to view. You should know now how important water is to us all. 70% of the earth is covered with water, but only 1% is easily accessible to us. Water is such a scarce resource and with more and more news of areas fighting with water shortages and droughts, saving water and using it more efficiently has become an absolute necessity. That's all the time we have for this topic, but if you'd like to pursue it more on your own check these resources out.

Teacher Page

Conservation knowledge is good to have and wise to impart no matter what the political climate or attitude toward threats to the environment. Environmental stewardship is an enriching and beneficial pursuit, and arguments against this lack substance. The process for conserving water is closer than you think...Schools use a tremendous amount of water everyday, and require water for their heating and cooling systems, restrooms, drinking water faucets, locker rooms, cafeteria, laboratories, and outdoor playing fields and lawns. From this, you as the teacher can start introducing the topic into your class or school.

Standards

This activity was design to touch on the ISTE Standards for Students : # 2. Communication and Collaboration Students will use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. • Interaction, collaboration, and publication of work with peers, experts, or others employing a variety of digital environments and media • Communication of information of ideas effectively to multiple audiences using a variety of media and formats • Development of cultural awareness and global understanding through engaging with learners from other cultures

Credits

Thanks goes out to Mrs. Soushira Morris for giving me this opportunity to experience this accomplishment among others.

Other