

GLOBAL WARMING

WebQuest Description: Climate change is the single biggest environmental and humanitarian crisis of our time. The Earth's atmosphere is overloaded with heat-trapping carbon dioxide, which threatens large-scale disruptions in climate with disastrous consequences. We must act now to spur the adoption of cleaner energy sources at home and abroad.

Grade Level: College / Adult

Curriculum: Science

Keywords: earth, record, heat, drought, storms, fire, global warming, water, carbon dioxide, air pollution

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Introduction

Heat waves, wildfires, floods and droughts hit us hard in 2012 (the warmest year on record for the United States). Scientists warn that if we don't address climate change, this is just a taste of what we could expect in the years ahead. You can use our interactive map to see how your local community was affected by extreme weather last year. Climate change increases the risk of many types of record-breaking extreme weather events that threaten communities across the country. In 2012, there were 3,527 monthly weather records broken for heat, rain, and snow in the US, according to information from the National Climatic Data Center (NCDC). Climate change is one of the most serious public health threats facing the nation, but few people are aware of how it can affect them. Children, the elderly, and communities living in poverty are the most vulnerable. Explore our interactive maps to see climate-health threats in your state, actions that are being taken to prepare communities from climate change's serious health threats, and what you can do about them. What causes global warming occur? What are the effects of global warming? How to save our planet?

Tasks

Write your commentary about the "Global Warming", according the video and resources that can you watch it.

Process

Activity 1. Form groups of 4 people and write sentences about the video (5 sentences each one), total 20 sentences. Activity 2. Commentary using 120 words: "How can save our planet", observe the link de "Causes and Effects". Activity 3. Make a Synoptics chart of: Problems, causes and solutions of Global Warming. This job send me in PDF to my e-mail: madelu82@yahoo.com. Date top: 12-06-14

Teacher Page

This WebQuest is about getting students to make inferences. It has been designed for lower-performing students or students with limited English proficiency. You may allow students to work individually or in groups. This will depend on the ability and maturity of your students. This lesson could take one to two class periods to complete, again depending on your students. Students will need to have knowledge of creating Power Point presentations, PDF documents and use email. The resources used were: videos from youtube, slideshare and supplemented with the explanation in class.

Standards

Skills

- Creative production
- Observation & categorization
- Teamwork / compromise
- Communication

Credits

The images were taken from:

* <http://zpolitics.com/global-warming-slumber-party/>

* <https://www.flickr.com/photos/sustaingreenpower/3055440358/>

* <http://thetomorrowcompany.com/easy-solutions-to-global-warming-at-our-fingertips/>

In addition, a video was used: <https://www.youtube.com/watch?v=oJAbATJCugs>

Slideshare de: <http://www.slideshare.net/hzrq/global-warming-causes-and-effects>

Other

Evaluation

Your final score on this project will be based on several factors. Part of your score will be based on how well you work together and how much time you are on task. Presentation also will be evaluated on the completeness and accuracy of the information you found. You should explain your thoughts clearly, use your best spelling, grammar, and punctuation. Good luck!

Category and Score	Beginning	Developing	Very Good	Excellent	Score
Listening	Superficial information, not used sources.	Not factual accuracy	Full information but the topic is not fully disclosed	Full information, the topic is fully disclosed	25%
Writing	Many mistakes	Few mistakes	1-2 mistakes in grammar	No mistakes	35%
Speaking (introducing of presentation)	No oral presentation	Weak oral presentation	Loud and free speaking	Loud, free, amazing speaking combined with artistry	25%
Reading, design, creativity, original of presentation	No design. No creativity.	Not gently. Ordinary.	Bright and memorable. One idea.	More than three original ideas. Super original and creative work.	15%
				Total Score	

Conclusion

We have already seen the causes of global warming. The solutions listed below can bring down the carbon emissions up to much extent. We are already seeing the effects of global warming around the world as climate change, melting of glaciers, droughts and diseases. See more at: <http://www.conserve-energy-future.com/GlobalWarmingSolutions.php#sthash.LFXx3pga.dpuf>