

Project Calendar

Project: Coal: A Clean-Burning American Energy Solution, or an Environmental Catastrophe in the Making?: How to iCurio and human resources to gather information for classroom presentation/debate.

Time Frame: A little over one week

Project Week One

Monday: Discuss America's coal industry with students by asking questions. Explain project and establish groups.

Tuesday: Take class to computer lab to explore iCurio and gather data to support their claims. Assign out-of-class work.

Wednesday: Discuss out-of-class work and work on presentations.

Thursday: Continue to work on presentations.

Friday: Summarize what students have learned by discussing both the pros and cons of using coal as an energy source.

Project Week Two

Monday: Have principal and other available teachers to watch presentations and debates.

Tuesday: Have students locate local factories/businesses who might be abiding by or violating the information about burning coal and write e-mails concerning their opinion.

Project Overview

Name of Project: Coal: A Clean-Burning American Energy Solution, or an Environmental Catastrophe in the Making?

Duration: A little over a Week

Subject/Course: World Geography - Human

Teachers: Daniel LoVette & Morgan Rushlow

Grade Level: 9th - 12th

Project Idea, Issue, Investigation: Is the burning of coal by American industries a safe energy solution? What are the upsides to using coal as an energy source? What are the downsides? How does collecting, transporting, and using coal impact our environment? What is acid rain? Are there factories or businesses locally that use coal as a main energy source? Are there national restrictions on how much coal may be used by one company? Etc...

Driving Question: Coal: A Clean-Burning American Energy Solution, or an Environmental Catastrophe in the Making?

ACCRS: Social Studies/World Geography - Human #5

- Analyze contemporary issues to determine their lasting effects on the global environment. Examples: climate temperature changes, human innovation, desertification, consequences of population growth or decline of economies, utilization and exhaustion of world resources, environmental degradation, war.

From Alex.state.al.us

Social Studies (2004) Grade(s): 7 Geography All Resources: 1 2 Learning Assets: 0 Lesson Plans: 1 1 Podcasts: 0 Web Resources: 1	9.) Analyze environmental consequences of major technological changes in human history for both intended and unintended outcomes. Examples: nuclear waste storage, depletion of fossil fuel by automobiles, protecting the soil through crop rotation, soil degradation after the invention of the steel-tipped plow, increased food supply Identifying the impact of urban growth on the environment
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Social Studies (2004) Grade(s): 7 Geography All Resources: 5 Learning 0	11.) Compare the distribution of natural resources in various parts of the world by mapping locations of major deposits. - Relating the importance of energy resources to the development of human societies - Discussing the relationship between a country's standard of living and its accessibility to natural resources
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Assets: Lesson Plans: 5 Podcasts: 0 Web Resources: 0	
Social Studies (2004) Grade(s): 7 Geography All Resources: 14 Learning Assets: 0 Lesson Plans: 13 Podcasts: 0 Web Resources: 1	12.) Describe problems involved in balancing the impact of human habitation on the environment and the need for natural resources essential for sustaining human life. • Assessing differing attitudes of people regarding the use and misuse of resources • Predicting the future spatial organization of Earth if present conditions and patterns of consumption, problem-solving innovations, production, and rates of population growth and decline continue • Applying a problem-solving model to a geographic issue, including the development of sound arguments for specific actions on the issue Examples: building a dam and reservoir, constructing a revitalized downtown area, choosing the site of a new landfill

	6.) Explain factors that contribute to conflict within and between countries of the Eastern Hemisphere.
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