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History-Social Science Standard 8.8.4.

Teacher's Masters

California Education and the Environment Initiative

Struggles with Water

California Education and the Environment Initiative

Approved by the California State Board of Education, 2010

The Education and the Environment Curriculum is a cooperative endeavor of the following entities:

California Environmental Protection Agency
California Natural Resources Agency
Office of the Secretary of Education
California State Board of Education
California Department of Education
California Integrated Waste Management Board

Key Leadership for the Education and Environment Initiative:

Linda Adams, Secretary, California Environmental Protection Agency
Patty Zwarts, Deputy Secretary for Policy and Legislation, California Environmental Protection Agency
Andrea Lewis, Assistant Secretary for Education and Quality Programs, California Environmental Protection Agency
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Key Partners:

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None required for this lesson.

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None required for this lesson.

Lesson 5 The Colorado River Revisited

None required for this lesson.

Assessments

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Question:

How did the Colorado River Compact divide the water in the Colorado River?

_____

_____

_____

Question:

How did water from the Colorado River change the landscape in California?

_____

_____

_____

Question:

Why is water from the Colorado River such an important resource for people in the West?

_____

_____

_____

Question:

How would the economy of California be different if water from the Colorado River could not be used?

_____

_____

_____

Question: What should the water from the Colorado River be used for? Which is more important: agriculture, urban use, or recreation? Explain your reasoning.

_____

_____

_____

Question:

Why has water quality become an issue with the Colorado River?

_____

_____

_____

Question:

Why is it important to find a balance between water use and ecosystem health?

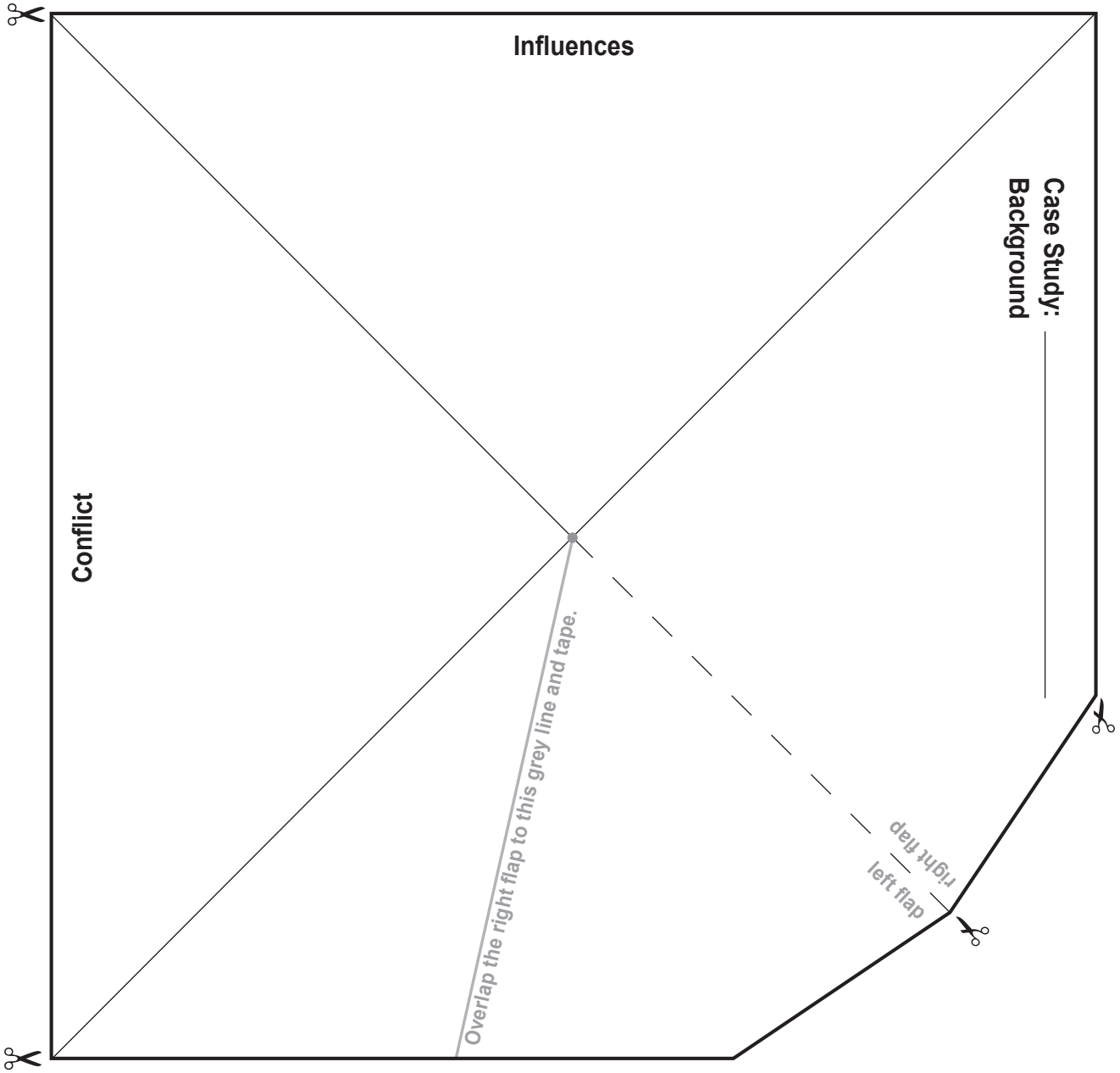
_____

_____

_____

Instructions:

1. While this paper is flat, record the main points of your case study. Discuss your ideas as a group, but record your notes individually. Write your notes on each panel as indicated. Text should run in the same direction as the title on each panel.
2. Cut out the image along the outer line.
3. Fold the paper in half on the diagonal so that your text is on the inside. Open the paper.
4. Refold the paper in the opposite direction. Open the paper.
5. Cut along the dotted line to the center point and stop. This forms two flaps.
6. Move the right flap over the left flap to the point indicated. Tape the flaps in place to secure your pyramid. Your text should be on the inside of the pyramid.



Name: _____

Part 1

Instructions: Select the best answer and circle the correct letter. (2 points each)

1. Why was the Erie Canal important?
   a. It provided much-needed water for irrigation.
   b. It encouraged development of canal cities.
   c. It enabled the transportation of goods and people.
   d. It provided the American Indians a place for fishing.

2. How did the Mississippi River influence the development of St. Louis?
   a. It encouraged tourism in the region.
   b. It was a transportation route north and south.
   c. It is the location of the largest port west of Pittsburgh.
   d. All of the above.

3. Why was Sweetwater Valley an important route for travel?
   a. It had all the necessities for survival: water, wood, and grass.
   b. The abundance of water made it a good place for settlement.
   c. The difficult route through the mountains led settlers to various water sources.
   d. It was not an important route for travel.

4. How did water in the valley of Las Vegas encourage settlement in the 1800s?
   a. The Mormons used it for starting a mission and irrigating crops.
   b. The water contained rich minerals used for development.
   c. The gambling industry saw it as an opportunity to create jobs.
   d. The valley became an important agricultural center.

5. Why was the location of Sutter's Mill perfect for a mill?
   a. It was on a gentle slope, making the access to water easier.
   b. It was near tall trees for lumber and water for energy.
   c. It was near a city, making the transport of gold easier.
   d. It was secluded and difficult to find.

6. Why were the Great Lakes important to the Ojibwa in the 1800s?
   a. The lakes provided water for irrigation and agriculture.
   b. The lakes were a great source of fish.
   c. The lakes created a mild climate where the Ojibwa lived.
   d. The lakes provided water used for transportation to the West.

Name: _____

7. How did the treaties signed by the Ojibwa and the government of the United States cause conflict?
   a. They took away the rights of the Ojibwa to fish on the Great Lakes.
   b. They gave the new settlers more of the water rights and limited the rights of the Ojibwa.
   c. The Ojibwa were expected to abide by subsequent state laws. Federal treaties were not upheld.
   d. The Ojibwa lost their land, their water, and their culture.

8. What was the conflict between the Spanish and Mexican governments and California Indians in the 1800s?
   a. There were cultural differences about the importance of water.
   b. California Indians lost access to water because they did not own land.
   c. The missions were not very successful because of the lack of water.
   d. All of the above.

9. What kinds of factors were important in the decision made by the government of the United States to give Blue Lake back to the Taos Pueblo?
   a. Economic factors were important. Blue Lake was not providing a lot of money for the government.
   b. Political factors were important. Elected officials in government did not want to give the lake back to the Taos Pueblo.
   c. Legal factors were important. Changing laws was a difficult and lengthy process.
   d. Cultural factors were important. Blue Lake had religious significance to the Taos Pueblo, and they had a right to practice their religion.

10. What is the problem with laws involving the Colorado River today?
   a. There is not enough water for everyone to get the appropriations as stated by law.
   b. The laws about water quality are too strict, and many industries cannot abide by these laws.
   c. The laws are vague about which states should get water, making it hard for everyone to get their fair share.
   d. The quality of water is decreasing, and the laws do not address the quality of water.

Name: _____

Part 2

Instructions: Write a short paragraph to complete each of the following tasks. (5 points each)

11. Describe how the struggle for water rights in the Great Lakes affected the legal system.

12. Describe how the struggle for water rights in California affected the economic system in the state.

Name: _____

13. Describe how the struggle for water rights at Blue Lake affected the political system of the United States.

14. Describe how water influenced the history of the United States. Use specific examples from various regions of the country.

15. Describe how scientific and technological changes have influenced the river systems in the West.

Name: _____

Instructions: You are going to take on the roles of two newspaper columnists, one from the 1800s and one from the 1900s. Write **two** editorials about water struggles, one from each time period.

1800s Editorial
Include these points in your editorial from the 1800s:

- Title: **Water Struggles Then**
- Focus on one case study from the unit (Ojibwa, California Indians, or the Taos Pueblo). You may mention the other case studies.
- Describe the water source and how it influenced development in the 1800s.
- Give the background of the water conflict. Include the factors that influence the struggles for water.
- Explain how the struggles over the water rights influenced economic, political, cultural, or legal systems of the time.
- Describe how those issues were different from issues in other parts of the United States.
- Identify the causes and consequences of the water struggle.

1900s Editorial
Include these points in your editorial from the 1900s:

- Title: **Water Struggles Now**
- Focus on the Colorado River case study.
- Describe the water conflict. Include the factors that influence the struggles for water.
- Explain how technology influences water issues. Include advantages and disadvantages of using science and technology to manage water.

The scoring tool on the next page will be used to score your work.

Your editorials are due on: _____

Water Struggles Then and Now Scoring Tool (used separately for each essay)

Component	4 points	3 points	2 points	1 point
Evidence	The editorial is well written, providing specific supportive evidence.	The editorial is well written, providing some supportive evidence.	The editorial is well written but provides little supportive evidence.	The editorial provides little evidence and is not well written.
Factors that Influence the Struggles for Water	The factors that influence the struggles for water are stated very clearly.	The factors that influence the struggles for water are stated clearly.	The factors that influence the struggles for water are stated in a general way.	Few factors that influence the struggles for water are mentioned, but are not discussed.
Content Accuracy and Specificity	The content is completely accurate and the editorial provides a good explanation of how water rights influence political, economic, cultural, and environmental factors.	The content is mostly accurate and the editorial provides a good explanation of how water rights influence political, economic, cultural, and environmental factors.	Most of the content is accurate, but the explanation of how water rights influence political, economic, cultural and environmental factors is weak.	Some of the content is accurate, and the explanation of how water rights influence political, economic, cultural and environmental factors is weak.
Discussion of Consequences of the Water Struggle	The editorial provides a clear explanation of how water rights influence political, economic, cultural, and environmental factors, as well as the causes and consequences of the water struggle.	The editorial sufficiently discusses of how water rights influence political, economic, cultural, and environmental factors, as well as describes the causes and consequences of the water struggle.	The editorial mentions that water rights influence political, economic, cultural, and environmental factors, and/or describes the causes and consequences of the water struggle, but in a general way.	The editorial mentions that water rights influence political, economic, cultural, and environmental factors, or describes the causes and consequences of the water struggle, but is vague.
Writing	There are no grammatical errors, and the editorial is well organized.	There are few grammatical errors, and the editorial is well organized.	The editorial is well organized, but the grammatical errors make it difficult to follow.	Numerous grammatical errors and or poor organization make the edtorial difficult to follow.

Name: _____

Water Struggles Then

Name: _____

Water Struggles Now

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