



Ted Alejandre, County Superintendent

San Bernardino County
Superintendent of Schools
Transforming lives through educ



RIVERSIDE COUNTY
OFFICE OF EDUCATION
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Thursday, June 11
1:00pm

California's Water, "Storing Water"
4th – 8th grades.

Huell Howser takes a look at the various ways that California stores its water and visits the reservoir at Shasta Dam.

After watching this episode, choose from the following questions and/or tasks to extend your learning

Question Box 1

- What are the various ways that California stores its water? and how effective are they?
- What's the reservoir at Shasta Dam used for?
- Describe Shasta Dam using information from this episode.
- What did you learn after watching this program?
- What is the program's purpose? How do you know?
- What are the key details in this program?
- What is the central message in this program? Explain?
- What are the program's supporting claims that support the central message?
- What is the author trying to say through the TV program? What makes you believe this?
- What evidence does the TV show director give to support his or her central idea?
- What is this program "saying"? Cite several pieces of textual evidence to support your analysis.
- Describe a Concrete Arch Gravity Dam.
- Why is Shasta Dam important?
- When and why was the Shasta Dam built?

Question Box 2

- What was the most interesting thing you learned about water conservation? Why?
- What about the show intrigued you?
- What was the most interesting part of the show?
- Would you build a house on a river downstream from a dam? Why or why not?
- What was one section of the text(video) that stood out for you and why?
- What was your favorite program and why?
- Would you like to live near a dam?
- What would be some of the concerns about living near a dam?

Box 3 (Tasks)

Continued on the next page...

- Make a model drawing of a dam and label the parts.
- List the ways the video claims that we store our water.
- “Google” images of the Shasta Dam being built. What was going on in the United States at this time? What do these pictures tell you. Share them with a family member.

Box 4 (Enrichment)

- Research and name the only natural lake in our area.
- Research, name and describe the oldest dam in our area.
- Research the dams in California at https://en.wikipedia.org/wiki/List_of_dams_and_reservoirs_in_California
How many dams are in the state? Which is the largest? What are the different types of dams? How many dams are in our county? What is the highest dam in the state? What is the oldest dam in the state?

Box 5 (Extend/Real-Life)

- Research and list the types of pollutants that are tested in our drinking water.
- How are dams built today?
- Engineering is an in-demand career. There are many different types of engineers. A structural engineer might be involved in the design process for building a dam. Find out more about what engineers do here: <https://educatingengineers.com/career-specialties>
- What do structural engineers do? Look here <https://educatingengineers.com/degrees/structural-engineering>
- Dig deeper into these career options and see if any of them interest you!