



Ted Alejandro, County Superintendent

San Bernardino County
Superintendent of Schools
Transforming lives through education



Friday, June 12
1:00pm

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

Tour a water recycling plant and examine the important role recycled water plays in California's water supply. Get a look at some current uses of recycled water and see how local agencies plan to expand this key water supply tool in the future.

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

Question Box 1

- What are the key details in this program?
- What is the central message in this program? Explain?
- What are the program's supporting claims or reasons that support the central message?
- What is the author trying to say through the TV program? What from the text makes you believe this?
- What might you want next year's teacher to know about this program?
- Now that it's over, what are my first thoughts about this program? Are they mostly positive or negative? Explain?
- What is the most important thing I learned personally?
- Where is the largest water recycling plant located?
- How many gallons of purified water does this plant recycle a day?
- What is the cost of this project?
- How many people benefit from this water recycling plant?
- Where does the water come from as sewer water before the plant gets the water?
- How long is the water recycling process before people get the water to reuse?
- Describe how UV light is used in the process of recycling water.
- Why does Huell Howser describe the Orange County Water Recycling Plant as "revolutionary"?

Question Box 2

- What is one thing you would like to add to this topic?
- What would you change about this program?
- If a part 2 of this program was created, what would you like them to focus on?
- What would you like to research for extra credit? Why?
- What might you want next year's teacher to know about this program?
- Now that it's over, what are my first thoughts about this program? Are they mostly positive or negative? Explain?
- How would you feel about drinking recycled water?

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- Do you think this is the “wave of the future”?
- Why do you think others around the world are interested in this plant that recycles water?
- What are the long-term implications of water recycling?

Box 3 (Tasks)

- Research how water recycling and conservation is linked.
- Practice Water Conservation at home: [Conserve Water At Home](#)
- [Green Your Home:](#)
- Describe “Gray Water” and how it is used in our area.
- Draw a model of a water treatment plant and describe the parts.

Box 4 (Enrichment)

- Try these at home activities to discover the importance of conservation: [Kids Activities and H2O Facts](#)
- Research and discuss the types and uses of recycled water in California.
- Research and discuss the reason there is no such thing as pure water.

Box 5 (Extend/Real-Life)

- Take the water bottle taste test with your family:
- [Water Taste Test Family Challenge](#)
- Research and describe how water is recycled and used on the International Space Station.