

# Education Outreach

## ACTIVITY SHEET



### PRESENTATION FORMAT

Virtual, On-Site

### MATERIALS NEEDED

Single sheet of paper and pen to take notes

### GRADE LEVELS

9th to 12th

### DURATION

45 to 60 minutes

### NEXT GENERATION SCIENCE STANDARDS ALIGNMENT

Disciplinary Core Idea

- ESS3: Earth and Human Activity

Crosscutting Concept

- Stability and Change:

Science and  
Engineering Practice

- Asking Questions and Defining Problems:

### COMMON CORE STATE STANDARDS ALIGNMENT

CCSS.ELA-Literacy.SL.9-10.1

ACTIVITY NAME:

## Discover California Water



FOCUS QUESTION:

*How do humans affect the planet?*



## Discover California Water

Presented by:  
Education Outreach



### BACKGROUND

What if I told you that the water you drank today came from hundreds of miles away? What if you learned that technically, Santa Clara county doesn't have enough of its own water to sustain its population? In this activity, students will learn about the challenges facing the heavily populated areas of California and the ways that water is transported all over the state.



### ACTIVITY

Students take a journey through the water cycle as they explore the interaction between the natural water cycle and the human-constructed water cycle. During an interactive game, students will experience one of the many pathways that water takes as it cycles through the environment. The program ends with a discussion about the ways that humans impact water and how we can act as stewards of our environment.



### QUESTIONS?

Email [education@valleywater.org](mailto:education@valleywater.org)

Website: [www.valleywater.org/learning-center/teachers-students](http://www.valleywater.org/learning-center/teachers-students)

