



# H2O, Where Did You Go?

## ~Teacher's Study Guide~

The *H2O, Where Did You Go?* assembly is a two-performer stage production which utilizes music, humor, visual aids, and audience participation to communicate basic information about water science and conservation. Our goal with the performance is to motivate students to learn more about water science and to inspire each student to become a better environmental citizen

We encourage teachers to augment what the students see and hear at the assembly with some of the following discussions and activities. Many of these suggestions are based on the California State Dept. of Education – K-6 Content Standards for Science.

### **PRIOR TO THE ASSEMBLY PERFORMANCE:**

- Define for the students: *H2O* (the most abundant molecule on Earth's surface). Ask your students where on Earth is salt water. Ask you students where on Earth is fresh water. Define for the students: *aqueduct*. Ask if anyone has ever seen one.
- Define for the students: *reservoir*. Ask if anyone has ever seen one. Define for the students: *conserve*. Give examples of conserving.

### **FOLLOWING THE ASSEMBLY PERFORMANCE:**

- Ask students: Which water is more abundant on Earth, salt water or fresh water? Ask students: How the sun's heat affects water? Ask students for examples of *precipitation* (rain, snow, sleet, hail).
- Have students draw a picture of the water cycle (evaporation, condensation, precipitation, and collection). Have students draw a picture showing three ways that water travels from the mountains to our homes.
- Have students draw a picture showing examples of the three states of matter (solid, liquid, gas). Have students write an essay (or discuss) why it is important to conserve water.
- Have students write an essay about (or discuss) five ways they can save water.

We encourage teachers to give us your comments about the performance on the [feedback link](#) on our website.