CA Content Standards

Keepin' it Clean

Fourth Grade
Grade 4 Earth Sciences, 5c: Students know moving water erodes landforms, reshaping the land by taking it away from some places and depositing it as pebbles, sand, silt, and mud in other places (weathering, transport, and deposition).
Students examine how runoff transports soil through a watershed (activity one).
Grade 4 Investigation and Experimentation, 6d: Conduct multiple trials to test a prediction and draw conclusions about the relationships between predictions and results.
Students conduct several tests to determine which pollutants are contained in a water sample.

Fifth Grade
Grade 5 Earth Sciences 3a: Students know most of Earth's water is present as salt water in the oceans, which cover most of Earth's surface.
Grade 5 Earth Sciences 3d: Students know that the amount of fresh water located in rivers, lakes, under-ground sources, and glaciers is limited and that its availability can be extended by recycling and decreasing the use of water.
The activity starts with a review of how much water is available as fresh water.
Grade 5 Earth Sciences 3b: Students know that when liquid water evaporates, it turns into water vapor in the air and can reappear as a liquid when cooled or as a solid if cooled below the freezing point of water.
Grade 5 Earth Sciences, 3c: Students know that water vapor … can fall to Earth as rain, hail, sleet, or snow.
The water cycle is reviewed and featured prominently throughout the first half of the activity.
Grade 5 Earth Sciences, 3e: Students know the origin of the water used by their local communities.
Lake Folsom is visually identified and repeatedly referred to throughout the activity.

Sixth Grade
Grade 6 Investigation and Experimentation, 7b: Select and use appropriate tools and technology (including calculators, computers, balances, spring scales, microscopes, and binoculars) to perform tests, collect data, and display data.
Students conduct several tests to determine which pollutants are contained in a water sample.