

Objective

To demonstrate how water pollution can result from a variety of activities and sources in our own backyards and neighborhoods, and how the pollution can impact our water resources.

Overview

Students will observe a three-dimensional model of a watershed. Students will learn about the Santa Ana Watershed, pollution (point and non-point), effects of pollution, and groundwater contamination. Students will “pollute” the watershed by placing “pollutants” (i.e. Kool-Aid, sprinkles and cocoa powder) on the model and will then simulate rainfall (spray bottle). Students will observe the effects of the “pollutants” on the community and water supply.

Length of Time

30-40 minutes

