



## Liquid Gold

A project of Jessica Dennen  
and Jessica Morilla

### Watershed Classroom

#### Fieldwork Activities:

Students will take a field trip to the Ellis Creek Water Recycling Facility and go on two walking visits to the closest creek/Petaluma River to collect water quality data with "HydroColor," a water quality app and a water quality iPad probe we will purchase with grant money if received.

Students will experience a variety of hands-on activities to deepen their understanding of the concepts involved in the essential question.

Some specific activities are:

- Using Google draw to create a water cycle diagram
- Creating a CA waterways map comparing north vs south
- Exploring and interpreting an interactive Sonoma County Water Agency Map
- Using and analyzing the Watershed Atlas and Timeline
- Modeling the water cycle lab
- LA Aqueduct Writing
- Activities from California Education and the Environment Initiative "California Water Curriculum" which is Common Core and NGSS aligned