



West Basin Municipal Water District

WATERWORKS

Free Education Programs For 3rd-12th Grade Teachers



West Basin Celebrates the Return to In-Person Field Trip Program

West Basin is excited to open the 2022-2023 school year with a full return to in-person visits to its Edward C. Little Water Recycling Facility (ECLWRF) in El Segundo. Teachers, school groups and youth leaders can now request this free field trip opportunity through the end of the school year. Complimentary bus transportation is provided by the West Basin Board of Directors.

Students will visit the ECLWRF in El Segundo and the Roundhouse Aquarium in Manhattan Beach where they learn about the water cycle, West Basin's water recycling process and water conservation efforts that protect local marine animals. Students will be immersed in live interaction with a West Basin tour guide as they are brought behind the scenes to a world-renowned water recycling facility.

This program is designed to increase student awareness of the water cycle, California's unique water supply challenges and the science behind water recycling while inspiring students to practice water conservation at home.

In addition to in-person field trips, live-streamed virtual field trips are also available to encourage all teachers located throughout the District's service area to participate even those with potential classroom schedule or distance obstacles.

This program can serve one or two classes for each field trip session. Teachers are encouraged to schedule field trips for their entire grade level (limited to one full grade level per school). To learn how to reserve this free field trip opportunity, please visit: www.westbasin.org/field-trips



My students were engaged and excited about learning the process of water recycling and ways they can help make an impact in water conservation!

- Ms. Martin, Buford Elementary



Free Games and Classroom Resources Available on our Website:

www.westbasin.org/educationresources

A Drop in the Bucket

School Assembly Program for Grades 3-8



A Drop in the Bucket is an on-campus or virtual program developed in alignment with California academic standards. It is designed to promote awareness of local, regional, and global water issues—especially the California drought—and what everyone can do to help conserve our most precious natural resource.

The Drop in the Bucket program can serve up to a full grade level (up to 140 students per visit) for an outdoor, on-campus visit where students will participate in hands on activities to learn more about their community's water resources. Distance learning through real-time live streaming is also available.



A Drop in the Bucket is available from March through May 2023! Visit www.westbasin.org/drop-in-the-bucket to learn more about the program and how to reserve your session today.

Water Conservation

for your School!



It's no secret that California is in the midst of a historic three-year drought, but water saving doesn't have to stop with adults. Students can help save water during this drought, too! Here are some tips from the Los Angeles Times that encourages kids and students to practice water-saving habits in their community:

- Teach students that they have the power to benefit their environment by saving water. Don't nag!
- Walk the walk! Kids can learn water-saving (or water-wasting) habits at home and school from an early age.
- Make it a game! Set benchmarks, turn it into a competition and reward water saving habits.

In addition to a number of free water-education programs, West Basin also offers water use efficiency programs for school sites such as public agency grass replacement rebates up to \$800,000 and water bottle filling station grants up to \$2,000.

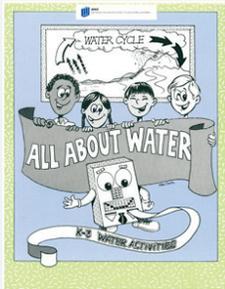
To learn more about your school's eligibility for conservation programs, please visit: www.westbasin.org/conservation

Free Learning Materials and Lesson Plans for Grades 3-8



Curricula provided by the Metropolitan Water District of Southern California

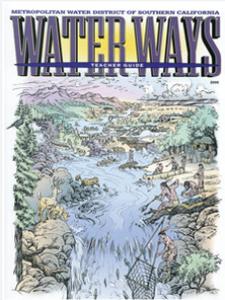
For more information and ordering online, visit : www.mwdh2o.com/education for teachers to get your free copies today.



GRADE 3

All About Water

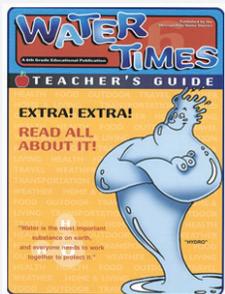
A teacher's guide with 26 hands-on experiments and activities that teach about water use, conservation, the water cycle and water quality.



GRADE 5

Water Ways

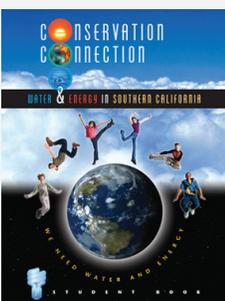
Designed to supplement the 5th grade social studies curriculum, students can discover and compare water uses, sources, problems, geographic areas and attitudes during the Pre-Columbian, Colonial, and Westward Movement periods in American History.



GRADE 6

Water Times

A water education newspaper designed for 6th grade students in Southern California. The interdisciplinary subjects, age-relevant stories and engaging activities create an awareness and stewardship of water.



GRADES 6-8

Conservation Connection: Water and Energy in Southern California

This new interdisciplinary curriculum supplement, through hands-on conservation activities, role playing and critical thinking, will engage middle school students in learning about the challenges and importance of conserving both water and energy at home and at school. Through the lessons, service-learning activities, and featuring on-line water and energy use surveys, students will make the "connection" to making water and energy conservation a way of life in Southern California.

Water Industry Careers

Resources for All Grade Levels



Every community needs water for its economic vitality and daily survival! Water industry careers are both well-paying and fulfilling, providing professionals an opportunity to directly benefit their communities.

There are many career opportunities within the water industry that match a variety of interests, including in science, technology, engineering and math (S.T.E.M.), environmental policy, administration and more.

West Basin provides a variety of opportunities to help students explore the fulfilling and diverse careers in the water industry, including:

- Career-themed Water Treatment Facility Tours
- Live Classroom Career Presentations
- Pre-recorded Water Industry Professional Panel Interviews
- Career Fair and School Career Initiative Support

Please contact the West Basin Education Coordinator at janela@westbasin.org if you would like your students to join this program!

Teach and Test

for your School!



The Surfrider Foundation, South Bay Chapter's Teach and Test Program introduces high school students to water quality and supply issues and exposes them to environmental science careers.

As part of the program, students collect water samples every other Sunday from September through May. Water samples are prepared and analyzed at Dive N' Surf in Redondo Beach with the oversight of an experienced laboratory technician. Data from the study, which measures Enterococcus bacteria concentrations in 23 different coastal locations, is made publicly available to help the community monitor the health of the Santa Monica Bay.

High school students will gain valuable experience in a laboratory environment through participating in this community science program. West Basin is proud to sponsor this ongoing effort to improve the water quality of the Santa Monica Bay and introduce youth to water quality research and careers.

Please contact the West Basin Education Coordinator at janela@westbasin.org if you would like your students to join this program!



Water is Life

Student Art Contest

Opening January 2023 for Grades 3-12

The Water is Life Student Art Contest is an opportunity for student artists to inspire their communities to adopt water conservation as a way of life, especially important in this drought by creating eye-catching artwork with smart water use slogans.

The program has inspired countless students to become water stewards by featuring:

- 7,500 pieces of art
- 200 finalists
- 100 participating schools
- 100 art lessons

The art contest opens every January and submissions are due in March. To get your students involved and view the latest list of winners, please visit:

www.westbasin.org/artcontest



Ariel Campos, 5th Grade
156th St. Elementary School, Gardena | 2018

Water Harvest

Community Festival

Save the Date, Sat., Oct. 22, 2022

Just announced! West Basin's annual Water Harvest Festival will return to the Edward C. Little Water Recycling Facility in El Segundo on Saturday, October 22, 2023 from 10:00 a.m. to 2:00 p.m.



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