



Legislation and Communications Committee

Update on Education Programs

Item 6b

May 13, 2024

Update on Education Outreach

Subject

Report on outreach to students, teachers and parents

Purpose

To provide an update on the activities, events, and programs promoting conservation and stewardship for grades Pre-K through 12 and college.



INCLUSION

Include underserved schools, students with disabilities, and tribes

Innovate using technology, project-based learning, and traditional methodologies



INNOVATION



IMAGINATION

Imagine creative ways to engage students and educators

Inspire students to 'take action' and become environmental leaders



INSPIRATION

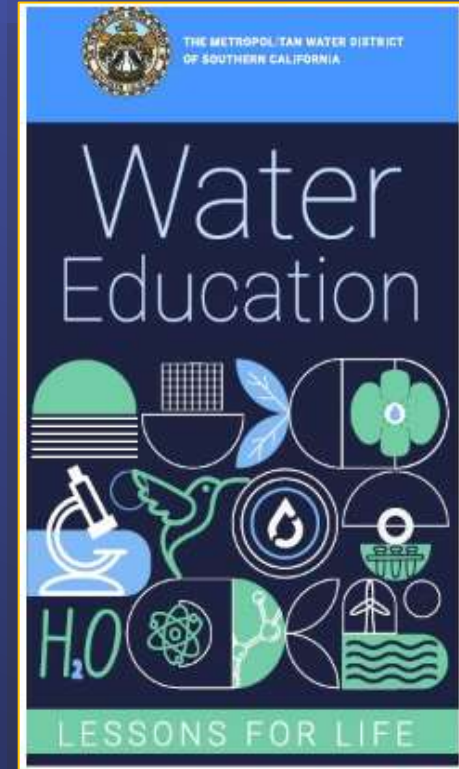
EDUCATION PROGRAM PILLARS



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40th Anniversary of Metropolitan's Education Program

- Award-winning curriculum supplements for grades K – 12
- Estimated direct outreach to 800,000 students, teachers, and parents (20,000 annually)
- Governor's Environmental and Economic Leadership Award winner
- Statewide Advisory Council members
 - Environmental Literacy
 - Workforce Development
- Educational impact, locally and globally
- Scouting programs, community outreach



Spotlight on Flagship Programs

Water Engineering for Good (STEM)

- 124 students from 8 schools in grades 7 - 12
- Winning schools:
 - Oxford Academy (MWD OC)
 - Garvey Intermediate (USGVMWD)



WE4G

Water Journeys Field Trips to Pure Water Southern California & Bixby Marshland

- 413 students from 11 schools in grades 5 - college



BIXBY MARSHLAND

2024 Calendar: Student Art Program

- 234 students from schools served by 26 member and retail agencies
- Traveling Gallery: 7,500 guests



WATER JOURNEYS



STUDENT ART



Diamond Valley Lake Field Trips

- 1,800 students from 10 school districts in grades 4 – 8
- Students use a computer tablet with an augmented reality app to complete missions and explore landmarks at the viewpoint and marina
- MWD won an award from the tech platform, Agents of Discovery

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Elementary School Programs



Secondary Schools and Colleges

Water Energy Education Alliance

- Industry education consortium for workforce development & career technical education

Cybersecurity Internship Program, WBMWD

- Tomorrow's Talent, Narbonne & Carson High

DWR / Project WET

- Climate adaptation workshops
- Activity Books: Drought & Water Reuse

LA County Sanitation Districts / Pando Populus

- College competition for real-world sustainability projects. Teams include CSUDH, El Camino, & Compton College



Community and Member Agency Programs

- Scouting Soil & Water Conservation Badge
- Compton Academy of Technology and Innovation
- Orange County Water Education Festival
- SEI Energize Schools: Virtual Earth Day Contest
- Splash Into Spring, EVMWD
- Rachel Carson Tunnel Boring Machine Naming Contest, Perris Valley Pipeline



