

This presentation premiered at WaterSmart Innovations

watersmartinnovations.com



AM-I Missing Outreach Opportunities To Use Meter Data and Customer Portals?

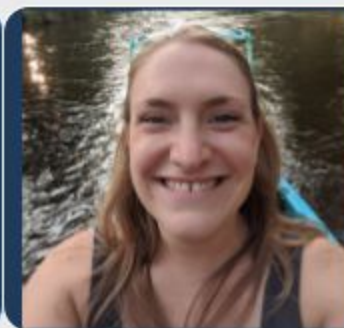
Lessons Learned Trying to Equitably Reach Students and Families



**METER
HERO**



City of
**SACRA
MENTO**
Utilities



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1) Follow teachers' lead

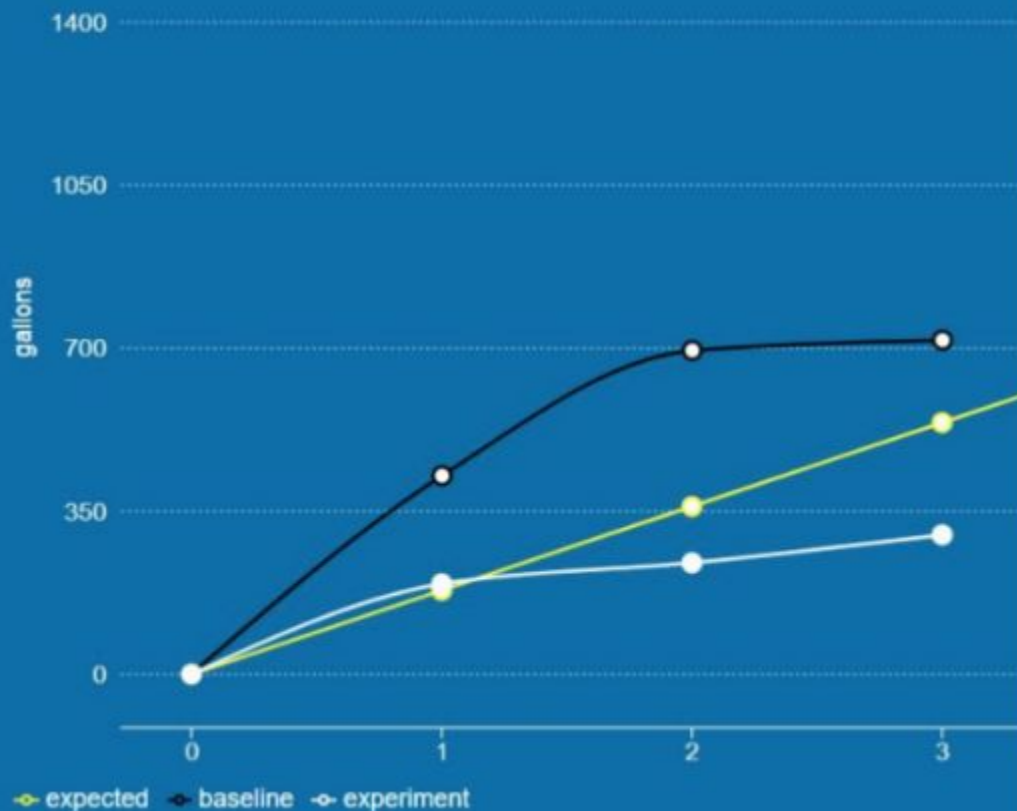
“My students are awesome at filling out worksheets, and I hate it!”

- **Rochelle**
1st teacher to use MeterHero



1) Follow teachers' lead

Water Usage Chart



DEVELOPING CITIZEN-SCIENTISTS

Effects of an Inquiry-Based Science Curriculum on STEM and Civic Engagement

THE ELEMENTARY SCHOOL JOURNAL

Volume 119, Number 2. Published online October 19, 2018

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1) Follow teachers' lead



AP[®] Environmental Science

MAY 2022						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3 Test	4	5	6	7
8	9	10 MeterHero data inquiry	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30 Presentations	31				



“Thanks for this program, it is the perfect ending to our year! We are bringing in all sorts of topics that we have covered during the year”

- Senna, AP Environmental Science Teacher, Sacramento

1) Follow teacher's Lead

CollegeBoard AP

AP Course Audit

AP Course Ledger

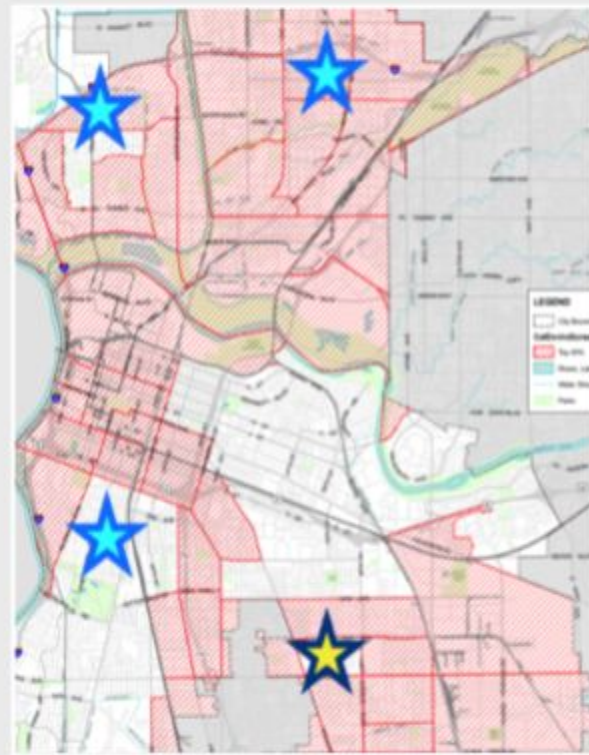
The course ledger lists secondary school courses offered with AP® or Pre-AP® designation when listed on students' academic years listed on the school's "Authorized Courses" for the Advanced Placement Program® (AP), and Pre-AP course and implementation requirements.

Ledger Search


Enter search criteria into one or more of the fields below.

High School Name or College Board School Code:
Enter a High School Name or College Board School Code

Subject:
All



2) Empower students to lead



**"It went to 2,000! And one day...
(motions steep graph curve)...I
thought that maybe like the program
messed up"**



0:13 / 0:56



2) Empower students to lead



Learning about water meters

Ashton
Mon May 03 2021



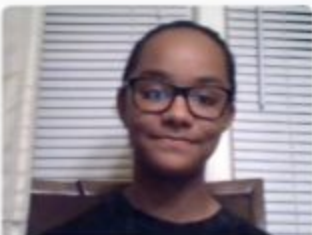
Saving gallons of water with shorter showers

Fabian W.
Mon May 03 2021



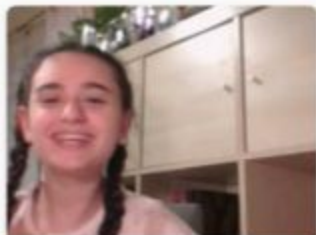
Saving water, money, and the environment

Lydia W.
Mon May 03 2021



How to read your water meters

Victoria J.
Mon May 03 2021



How to save 20% of your water

Julianna F.
Mon May 03 2021



Discovering the importance of water purification

Cameron B.
Mon May 03 2021



Saving natural gas



The people behind your water



If it's not necessary, turn it off



1st Place: [Flume Water Monitor](#)



2nd Place: [Sense Electricity Monitor](#)



2) Empower students to lead

METER HERO

Filter by #:

- JFK High School 0 readings
- Electric meter Stage: 1
- JFK High School 0 readings
- Gas meter Stage: 1
- JFK High School 0 readings
- Water meter Stage: 1
- Bond 0 readings
- Electric meter Stage: 1
- Bond 0 readings
- Gas meter Stage: 1
- Bond 0 readings
- Water meter Stage: 1

City of SACRAMENTO

IT'S NOT ME. IT'S YOU.

SAVE WATER
#BREAKUPWITHYOURLAWN

CAREERS PROGRAMS SOCIAL

UTILITY PORTAL VIRTUAL TOUR



Department of Utilities' Water Conservation Coordinator since early 2013. William identifies as a Navy Vet and called over 25 efficient places his home which is reflected in his geographically diverse work with a variety of water agencies such as the Gray Water District in Southern California, the Santa Clara Valley Water District, and the Warren Municipal Water District over the past 25 years. When he isn't working, he enjoys the outdoors whether it's hiking, biking, on a bike, or backpacking. He also recently passed the 10-gallon blood donation mark!



Water conservation tip: Consider replacing your grass lawn with a waterwise alternative instead. This can reduce your outdoor water use by half, reduce your maintenance, and attract more beneficial insects and birds to your garden.

Favorite Quote: "When the well's dry, we know the worth of water" - Ben Franklin



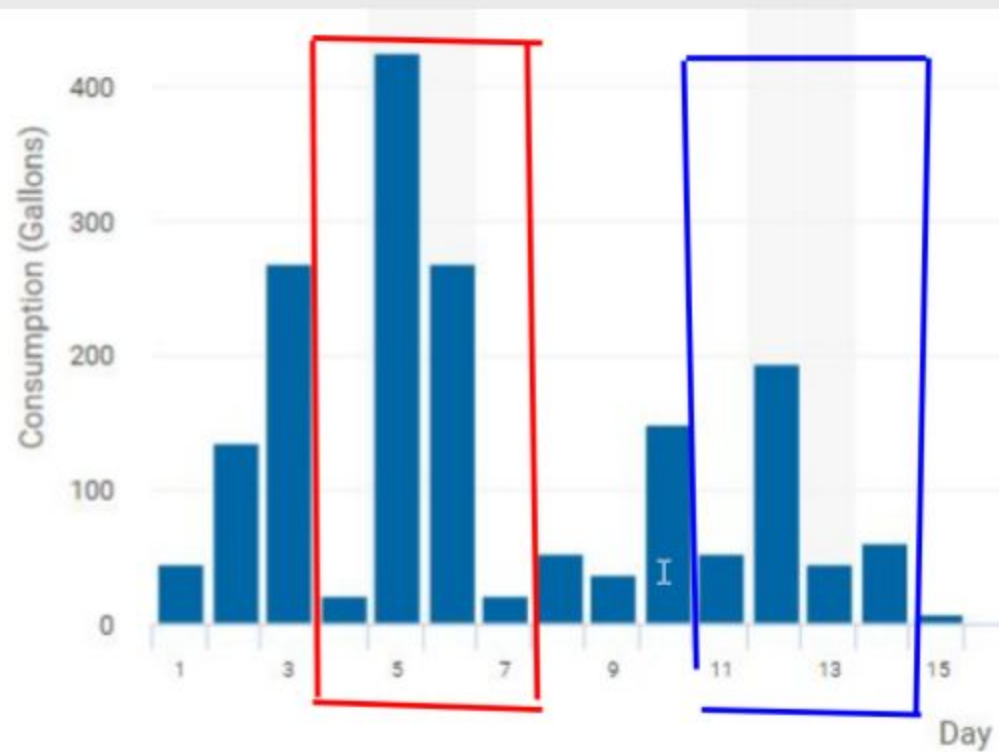
LEAK-FREE SACRAMENTO

The Leak Free Sacramento program assists eligible low-income and s owners make water efficient repairs for free. The goal of the program awareness, water efficiency and energy efficiency, improve the overall in need with water and energy costs.

Eligible City of Sacramento homeowners can sign up for one free con indoor and outdoor leaks.

PROGRAM HIGHLIGHTS

3) Provide options for data collection



3) Provide options for data collection



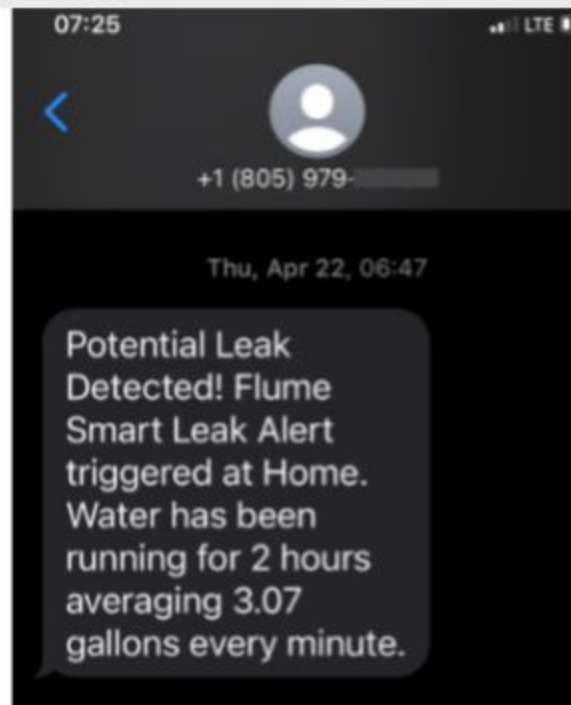
Above displayed: Water Meter



PG&E Gas Utility Meter



SMUD Electricity Meter



*"I pulled up my home's MyWater account with William (Granger) on the video call. In front of all the students he helped me spot a leak! The kids were really into it in the chat and I told them that **this is a service they should all check out with their families**" -- Senna*

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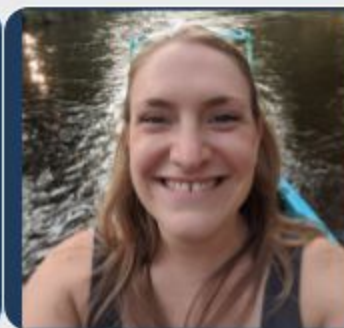
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