

SAWS Water Education Program

ANNUAL REPORT

2021/2022 School Year



PASS THE JUG!



...WELCOME TO THIRSTYVILLE!

- ◆ Class divides into 8 groups
- ◆ Each group represents a water user in Thirstyville
- ◆ Each group has a Reader and one or more Water Masters
- ◆ Thirstyville has a limited water supply
- ◆ Water distribution is "First in Time, First in Right"



SAWS
STOCKTON AREA
WATER SUPPLIERS

Stockton East Water District
California Water Service Co.
San Joaquin County
City Of Stockton

WATER EDUCATION PROGRAM

Report Summary



WATER EDUCATION PROGRAM

SAWS Water Education Program Annual Report

School Year: 2021/2022

August 1, 2021 through July 31, 2022

Report Summary

This report presents an overview of the implementation of the Stockton Area Water Suppliers (SAWS) Water Education Program in the 2021/2022 school year. The report includes a summary of the year's outreach effort, a full report, the data and statistics resulting from that outreach effort, a description of the programs and presentations offered to Stockton area educators by the SAWS Water Education Program, participant feedback, and a plan for the 2022/2023 school year.

In the 2021/2022 school year, challenges associated with the COVID-19 pandemic continued to affect the SAWS Water Education Program. Stockton elementary school campuses were closed from March 13, 2020 through the end of the 2019/2020 school year and the entire 2020/2021 school year. The SAWS Water Education Program was unable to implement classroom visits, Zun Zun assemblies or event outreach during this period; all water education outreach was done virtually.

The SAWS Water Education Program calendar for the 2021/2022 school year was fully booked by the end of May 2021. The school year began around the first of August for all school districts. As in previous years, SAWS presentations were scheduled to begin on September 1, 2021; this allows teachers to become familiar with their students and get them settled into a routine before introducing a visitor. As we began our presentation schedule, we found that some schools permitted campus access, but others were still restricting parents and community members during the first trimester. Teachers at restricted campus schools either rescheduled for a later date or cancelled in class presentations and used our virtual program. It should be noted that at the request of teachers who use our program, officials from both Lodi Unified and Lincoln Unified met and granted the SAWS Water Education Program special permission for campus access. By January 2022, we were presenting on a normal schedule in all four school districts, apart from a couple of SUSD campuses that remained closed to visitors for the entire school year.

In the 2021/2022 school year, the SAWS Water Education Program offered six grade-level specific in-class presentations and participated in a variety of Stockton area youth-oriented events. We did not use the Zun Zun "Water Beat" assembly program this year, as school wide assemblies were not permitted in

any Stockton area schools due to COVID-19. The virtual program on Padlet continued to be offered to teachers who were not able to participate in person and was also used for pre-teaching and follow-up to the in-class program.

In the 2021/2022 school year, the SAWS Water Education Program reached 8,270 students in 270 classrooms through the in-class program, 435 students in 16 classrooms through the on-line/virtual program and 10,070 students at six youth-oriented events, for a total of 18,775 students in 51 Stockton area schools and events. A breakdown into specific categories (presentation type, grade level, school district and water provider) is presented in the “Program Stats” section of this report.

2020/2021 Program Highlights:

In the 2021/2022 school year, the SAWS Water Education Program offered in-class presentations, virtual learning through Padlet and participation in local, youth-oriented events.

- The program served 51 schools and venues, supplying supplies and materials for 286 classrooms, and participated in six youth and environmental education oriented local events, reaching a total of 18,775 students and citizens.
- The coordinator attended a variety of on-line meetings and seminars, including DWR’s Water Education Committee meetings and SAWS meetings via Zoom. The coordinator is also a member of the San Joaquin County Office of Education’s Community Partners for Environmental Literacy (CPEL), a collaboration of local educators working toward effective environmental outreach, both physical and virtual.
- The coordinator attended the first in-person DWR Water Education Committee Meeting held since 2019. The meeting was conducted in Sacramento over three days in July 2022. This group meets bi-annually to share outreach methods and strategies intended to promote collaborative and coordinated water education outreach throughout the State of California.

For a complete breakdown of the 2021/2022 SAWS Water Education Program outreach statistics, please turn to the “Program Stats” tab in this report.

Looking Ahead: The 2022/2023 School Year

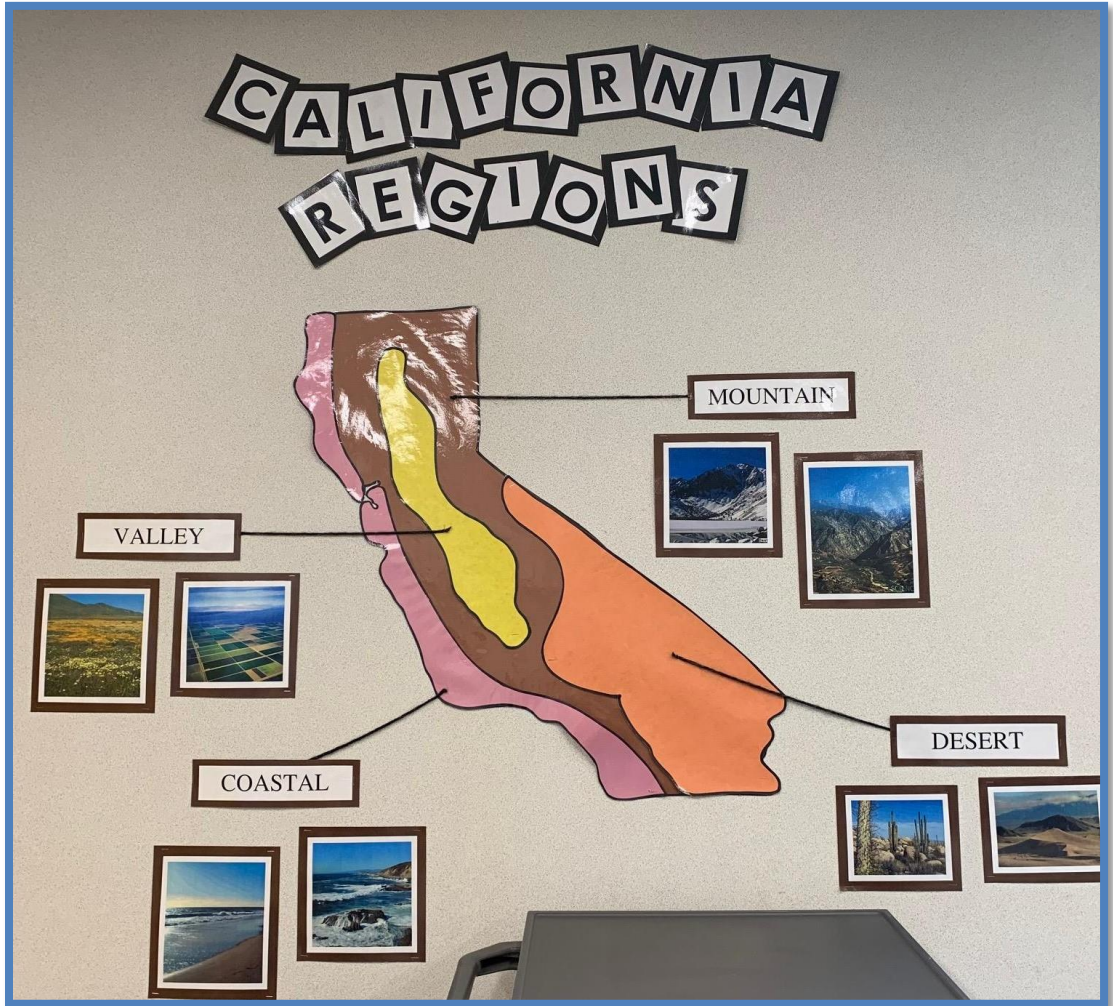
At this writing, it appears the school districts served by SAWS have developed protocols for dealing with COVID-19. School campuses are open, and the SAWS Water Education Program is planning to implement our regular schedule in the coming school year.

In May 2022, the Coordinator sent broadcast invitations to hundreds of teachers and administrators in the four school districts served by the SAWS Water Education Program. The response was enthusiastic, and by the end of May our calendar was nearly full for in-class presentations and youth-oriented events for the 2022/2023 school year (August 2022 through early June 2023).

THE 2022/2023 SAWS WATER EDUCATION PLAN

The SAWS Water Education Program is entering its 18th year serving Stockton area schools. The program has developed a devoted following among teachers in the four school districts we serve. Educators often design lesson plans that coordinate with our presentations, which focus on water science, water awareness and conservation. Keeping these goals in mind, the Coordinator will continue to work with the Department of Water Resources and SJCOE/CPEL to develop and implement presentations that integrate Next Generation Science Standards (NGSS) and content standards relating to water into classroom curriculum. Resources and materials developed for virtual learning will continue to be available to teachers; the SAWS Water Education Program uses educational tools, such as Padlet, EdPuzzle and Flipgrid, to reinforce our message through pre and post teaching. This includes videos, digital links and narrated water education vignettes and clips that can be inserted into or used in conjunction with teachers' lesson plans. The SAWS Water Education Program also supplies valuable classroom materials and supplies for teachers who utilize the program. Each child receives a grade appropriate lesson-related workbook and coloring/work sheet, a sharpened pencil and a box of crayons, and each teacher receives a package containing white board markers, magnet clips, rain gauges, hand sanitizers, and other items they can use in the classroom.

As the State of California contends with water shortages brought on by another extremely dry year, our presenters will be stressing drought awareness as part of every presentation. We have found that elementary school age children are very effective conservation messengers, as they are likely to discuss their school day with parents and family.



"CALIFORNIA REGIONS" DIAGRAM POSTED FOR THE
SAWS "CALIFORNIA WATER" PRESENTATION
MR. BYRNE'S CLASSROOM, MANLIO SILVA ELEMENTARY

Full Report



WATER EDUCATION PROGRAM

THE SAWS WATER EDUCATION PROGRAM

What We Do and How We Do It

Effectively Promoting Water Awareness and Conservation

It is well known that measuring the success of water conservation/education outreach is difficult. How much did the target audience learn? How many will actually embrace the message and act on it? Who will share the information with family and friends? Will those who participate make water conservation a life-long habit? Quantifying the results of these queries is nearly impossible, and under normal circumstances, water providers can only hope these efforts are making a difference. But in recent years California's response to prolonged drought produced evidence that water conservation education raises awareness and promotes wise water use, resulting in substantial, quantifiable water savings throughout the state. Water conservation education in the primary grades certainly plays a major role in these results, as it teaches conservation concepts as students are forming lifelong habits.

The SAWS Water Education Program strives to make students aware that wise water use must be practiced daily, helping them understand that a banner rainfall year, or even two, will not remedy California's water dilemma. Through our outreach, we hope to make our future citizens and leaders understand that, due to our dry climate, storage issues and population growth, water will continue to be a very important issue in California, and we must all be prepared to make water conservation a way of life. Especially now, as California is experiencing another dry year.

During earlier extreme drought years, state outreach and media messaging put an emphasis on water conservation in California, and that emphasis provided rare, tangible evidence of the effectiveness of outreach programs like ours. Stockton was one of the most successful cities in the state when it came to implementing conservation measures during the last drought, reducing water use by nearly 30 percent. Since its inception in 2005, the Stockton Area Water Suppliers (SAWS) alliance has funded multi-faceted outreach in our communities, reaching thousands of students and citizens every year; the program has reached over 350,000 people through classroom presentations and public, youth-oriented events. Many of the students we have worked with over the years are now adult citizens of Stockton with a heightened awareness of the importance of our water resources because they participated in our programs when they were forming life-long habits in their youth. These are the people who have and will continue to practice conservation measures to aid in dealing with drought.

Is Stockton’s impressive success in meeting and exceeding water conservation goals during the last drought evidence of the success the SAWS agencies have had informing the public and changing their water use habits? It’s certainly possible! And it seems like a logical way to measure success.

We have found that the students and teachers we visit are drought aware. Even primary grade students can define the meaning of the word “drought” and the source of the problem. While media messaging may be responsible for heightened water awareness in our communities, our presentations take students to the next level, reinforcing the conservation message and providing insight into the reasons behind it. Our programs address the learning standards that relate to water for every grade level: the water cycle, weather, ecosystems, water’s three states of matter, the scientific properties of water, current and historic water use in California, water conveyance and distribution systems, and conservation concepts. We enhance learning with a variety of hands-on activities that make the lessons fun and memorable.

The SAWS In-Class Presentation Program is in High Demand

The SAWS in-class presentations continue to be in high demand in Stockton area schools. Invitations to book presentations for the 2021/2022 school year were sent to teachers and administrators via email in early May 2021. The presentation calendar was full by late May. While some school campuses remained closed during the first quarter of the school year, most opened after January 1, and the program resumed a fairly normal schedule through early June. The final headcount for the 2021/2022 school year of 18,775 students/citizens reached through our virtual, in-class and event program was a vast improvement over the 20/21 school year (10,756), and even beat the 19/20 school year (16,769), in which all Stockton area schools were closed as of March 13, 2020.

The SAWS Water Education Program has developed a devoted following among Stockton teachers. Those familiar with the program often design their lesson plans with the SAWS Water Education Program in mind; the colorful visuals and hand-on activities featured in our presentations can bring these lessons to life for students. Often, one teacher takes the lead to schedule multiple presentations for the entire grade level. Many teachers coordinate our grade-specific presentations with established curriculum and Next Generation Science Standards (NGSS), inviting the program to their classrooms in conjunction with units specifically related to water. Some schools even plan field trips that coordinate with our programs; St. Luke, Tully Knoles Elementary, John McCandless STEM, and several other schools coordinate our “California Water” presentation with fourth grade field trips to Columbia State

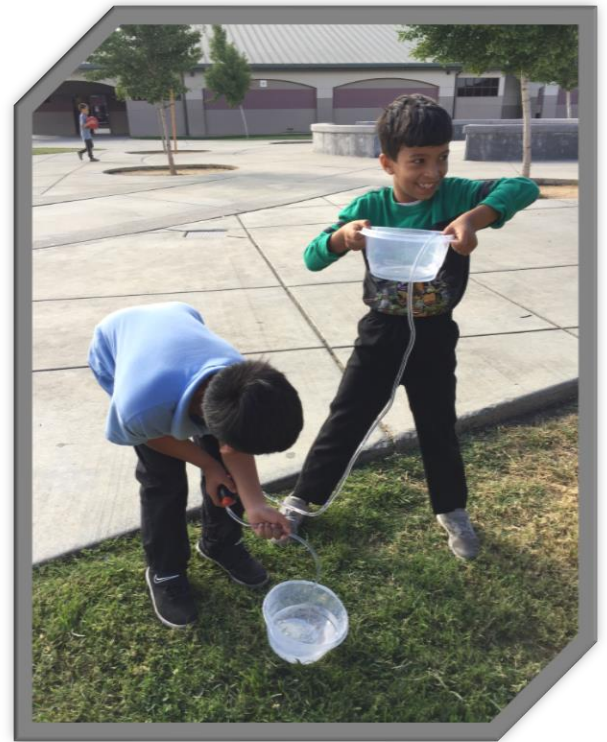
Park. Fifth grade teachers are encouraged to book a water treatment plant tour/field trip in conjunction with our Grade 5 “Water Cycle: The Incredible Journey” presentation.

In-Class Presentations Meet Grade-Specific Standards

Every presentation offered by the SAWS Water Education Program is designed to meet standards specific to certain grade levels. Teachers know that our presentations can address multiple content /NGSS standards in 60-90 minutes with little or no teacher prep; we provide an excellent introduction or follow up to standard curriculum involving water for every elementary and middle school grade level.

Kindergarten and Grade 1 teachers can use our popular “Water Cycle Story” presentation to reinforce lessons and meet standards involving weather, states of matter, and forming and testing a hypothesis.

Grade 2 teachers often coordinate their lesson plans with our “H2O to Go!” presentation to reinforce standards related to gravity, motion and machines as students track water’s journey from source to tap using a variety of fun and exciting hands-on pumping activities.



The “H2O to Go!” presentation reinforces second grade standards related to gravity, motion and machines through fun, hands-on activities

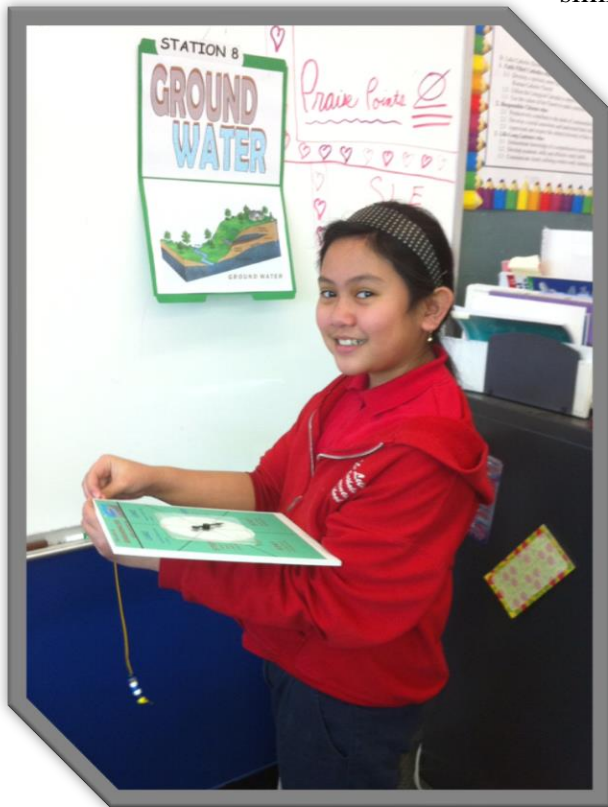


Mrs. Kelly explains how water is conveyed from the water treatment plant to water storage tanks and finally to our homes

Teachers of Grades 3, 4, 5 and 6 can use the “Water Matters” and “Water Cycle: The Incredible Journey” programs to target physical and life science content standards. The two presentations are

similar but have been adapted for content/NGSS standards specific to each grade level. Both programs focus on the

water cycle and water treatment and distribution, addressing a variety of science standards through fascinating facts and figures and a demonstration of the ratio of fresh to salt water on earth. During the “Water Matters” program, students perform a hands-on “scientific experiment” that demonstrates the properties of surface tension and cohesion, as well as concepts related to food chains and webs and environmental issues in our communities, standards specific to Grades 3 and 4. The “Incredible Journey” program addresses similar science standards for grades 5 and 6; after a refresher on the water cycle, students participate in an active, social game from Project WET, embarking on the “Incredible Journey” of a water molecule in the water cycle, evaporating, condensing and precipitating around the room as they



Students become water molecules moving through the water cycle in the “Incredible Journey” hands-on activity

make a beaded bracelet, with each bead representing a component and process of the water cycle. Both “Water Matters” and “Incredible Journey” also include a comprehensive “Source to Tap” diagram depicting how water travels from the natural water cycle to the built water cycle to their faucets at home. A scale model sand and gravel water filter demonstration gives students a glimpse of the processes involved in water treatment and distribution and provides information about local water sources and the agencies that sponsor the SAWS Water Education Program. Drought, conservation and water awareness is also discussed throughout the program.

The “California Water” presentation, which covers the history, use and distribution of water in the State of California, is responsive to both fourth and sixth grade content standards and features a variety of hands-on activities, including map interpretation and a role-playing game designed to introduce students to the concepts of water rights and legislation relating to our natural resources. Students learn how water is distributed throughout the state via the State Water Project and work collaboratively to find water bodies, cities and landmarks on topographical maps.

The SAWS Water Education Program only distributes promotional items that are practical and useful in the classroom.

Every student in every classroom we visit receives a pre-sharpened water-saver pencil and an age-appropriate workbook with information and activities pertaining to water conservation and awareness. As a thank you for inviting us to present, participating teachers receive a variety of gifts, that may include tote bags, magnetic clips, seed packets, water activity guides, sponges, pocket hand sanitizers, white board markers, crayon packs and other items.

There is evidence that as Stockton’s educational resources have diminished, our water education presentations have steadily gained favor. Teachers find value in our ability to connect content/NGSS standards to water resources, the environment, conservation and, recently, current events, such as drought and water legislation in California. The combination of education and entertainment we provide makes learning exciting and fun for students. We like to remind teachers that, despite budget cuts, students can still experience the benefit of community learning because SAWS sponsors in-class programs that “bring the field trip to the classroom.”



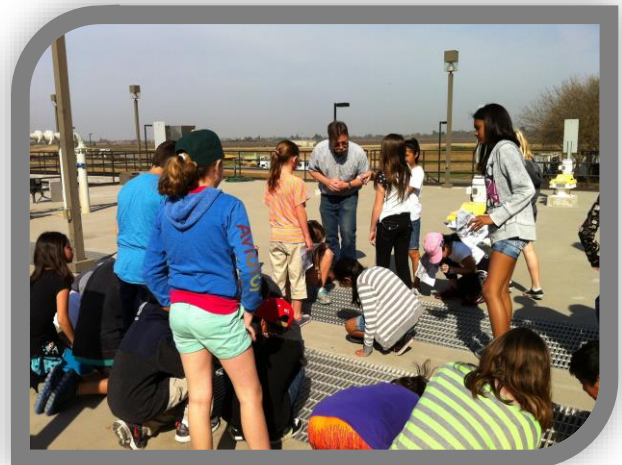
Our message is reinforced through the use of colorful visuals, songs, physical activity and audience participation

Water Treatment Plant Tours

When the SAWS Water Education Program visits middle/ high school and college classrooms (Grade 5 and up), we encourage teachers to schedule a visit to the Dr. Joe Waidhofer Drinking Water Treatment Plant for a facility tour. When elementary and middle-school classes visit, we ask that the groups include at least one parent/adult chaperon for every five students. While the main purpose for this request is crowd control, we have found that parents touring the plant often learn more than their children do, and invariably leave with a greater appreciation for their community's water resources. College classes and community groups are fascinated by and impressed with our facilities and the treatment process; most citizens never take the time to consider the source and systems that provide them with drinking water. While school districts often lack funding for field trip transportation, some public and private schools are able to visit by using adult/parent chauffeurs and chaperons. Facility tours are valuable in raising public awareness and can provide an enlightening experience for students and community members, as well as those looking for career path possibilities.

Event/After School Program

The "H2Olympics" program is offered to any school with a Stockton address and can serve as an after-school program, a booth at school festivals and events, or as a hands-on activity presentation to serve an entire grade level. The program features a series of fun, hands-on water activities or "experiments" that demonstrate scientific properties of water, including cohesion, adhesion and surface tension: *How many water drops can you fit on the head of a penny? Can you make a paperclip float? Can you keep a water drop intact while guiding it through a laminated maze?*



Plant Supervisor Jim Wunderlich explains the water treatment process to fifth grade students during a tour of the Dr. Joe Waidhofer Drinking Water Treatment Plant



Mrs. Kirchof explains surface tension to fourth-grade students at Tully Knoles Elementary during a hands-on activity included in the "SAWS H2Olympics" after school presentation.

The format of the H2Olympics program allows students to have fun while learning in a relaxed, non-classroom atmosphere. As with other SAWS Water Education Programs, we have incorporated a drought/conservation discussion into the “H2Olympics” program format, and, depending on the venue, sometimes include a prize wheel or “water saver” button-making activity.

Benefits of the SAWS H2Olympics Programs include:

- ◆ Hands-on activities educate and entertain
- ◆ Format holds students’ attention because it provides an alternative to classroom learning structure
- ◆ Students are likely to take message home
- ◆ Parents often show up at after school programs and may even participate
- ◆ Broad outreach to multiple grade levels (K-8): maximum contacts in minimum amount of time
- ◆ Use of upper elementary and middle school helpers allows older students to work with/teach younger students: excellent learning environment for all
- ◆ Provides teachers, facilitators and activities coordinators with free, appropriate educational activities



Third grade students and their teacher learn about the cohesive properties of water during an “H2Olympics” presentation at the Great Valley Elementary School Farm Day Event

AgVenture



As part of the SAWS Water Education Program activities at AgVenture, students make personalized “I’m a Water Saver!” buttons

Every third grader in San Joaquin County is eligible to participate in this innovative program sponsored by San Joaquin Farm Bureau and Select San Joaquin Foundation. AgVenture participants enjoy a day of fun while learning about the vast diversity of agriculture in San Joaquin County. This event exposes students to important concepts during their “day on the farm,” including nutritional values, agronomics, marketing, farm and crop production, the value of locally grown products and the role that producers, vendors and the purveyors of our natural resources play in bringing these commodities to the community.

AgVenture’s unique format offers a meaningful and memorable experience for students and a special opportunity for the agricultural community to reach out to some of our most impressionable citizens. SAWS participation in these events allows us to promote our in-class, after school and assembly programs while sharing our message of water awareness and conservation with thousands of third graders and their teachers. Each of the three San Joaquin County AgVenture events hosts approximately 3,500 third graders.

Since 2010, the Stockton Area Water Suppliers alliance, through SEWD, has donated \$1,000 annually to AgVenture to help sustain this valuable program.

Zun Zun “Water Beat” Assemblies

Stephen Snyder and Gwynne Snyder Cropsey are “Zun Zun,” a performing arts troupe that celebrates the environment through water-themed, interactive musical assemblies.



ZunZun

ZunZun's “Water Beat” assembly highlights the connection of the community to its watershed, focusing on water conservation and resource protection. In this 45-minute program, Zun Zun performs a number of skits using musical instruments, song and dance, audience participation and humor for a truly memorable show. Topics covered include drought, water conservation, watershed protection, water reclamation, and water pollution. Students and teachers are encouraged to participate, playing unique “water instruments” from around the world, joining in the Sprinkler, Swimmer, and Washing Machine dances and singing the

“Save Some Water” song. Audience members are invited on stage to participate in hilarious activities like the “Toilet Game Show,” where students learn that fixing a leaking toilet may be the single greatest way to save water at home. Students do the Drought Limbo and participate in a crazy race that explains the purpose of storm drains and the potential threat of storm water pollution. Participants leave the assembly singing, dancing and chatting about the many facets of water covered in the performance.

Zun Zun assemblies were not permitted in Stockton area schools during the 2021/2022 school year. The Coordinator is currently working with the school districts to determine whether the Zun Zun assemblies will be permitted in 2022/2023.

The SAWS “Conservation Cottage” Exhibit at the Children’s Museum of Stockton

The Children’s Museum of Stockton is currently operating under the management of its Board of Directors. The facility has been mostly closed due to COVID-19. The Coordinator works with museum personnel on a continuing basis to maintain and improve the exhibit.

SAWS Water Education Program and the Community

The SAWS Water Education Program participates in and supplies hand-outs and materials for numerous community gatherings and other special activities and events in Stockton. The following is a list of some of the community events the SAWS Water Education Program participates in regularly:



The “Waterburger” at the Children’s Museum

◆ **San Joaquin County AgVentures (South County, Stockton & Lodi)**

The SAWS Water Education Program has participated in AgVenture since 2005. During physical events, SAWS staffs a booth featuring a hands-on activity and prize wheel. Our participation in AgVenture allows us to promote SAWS sponsored in-class, after school and assembly programs while sharing our message of water/drought awareness and conservation with thousands of third grade students and their teachers. Each AgVenture event hosts approximately 3,500 third graders. Besides staffing a booth at each event, SAWS/SEWD supports AgVenture with a \$1,000 annual donation. The SAWS Water Education Program participated in all three AgVenture in the 2021/2022 school year. In 2021, the Coordinator submitted a water science/conservation video that was used during virtual AgVenture and posted on-line for future viewing.

- ◆ **Rotary Read-In:** The SAWS Water Education Program participates in this annual event.
- ◆ **Lincoln USD “Window on Your Future”:** The Coordinator participates in this event annually, wherein mock job interviews designed to prepare Lincoln High School students for entry into the job market are conducted by members of the business community. This event presents an opportunity for staff to share career path outreach with potential job seekers.
- ◆ **Manteca Unified School District’s Farm Days:** SAWS sponsors H2Olympics booths at these MUSD Farm Day events.
- ◆ **Stockton’s Earth Day Festival:** SAWS is a principle sponsor of this popular annual festival at Victory Park in Stockton. The Coordinator staffed a booth at the event on April 24, 2022.
- ◆ **Water Treatment Plant Tours:** The SAWS Water Education Program and SEWD staff offer tours of the Dr. Joe Waidhofer Drinking Water Treatment Plant for Grade 5 and above.
- ◆ **Community Based Programs:** Upon request, SAWS supplies water conservation materials for Special Day and science classrooms at local middle and high schools as well as for programs for developmentally disabled adults, regional pre-school programs, and other community programs requesting materials and resources.
- ◆ **DWR Water Education Committee:** The Coordinator attended the first in-person DWR Water Education Committee meeting since 2020 in July 2022, joining water educators from all over California to share resources and ideas for water conservation education and outreach. The focus of the July meeting was climate change, drought awareness and Diversity, Equity and Inclusion (DEI) for California citizens’ access to clean, safe water.
- ◆ **CPEL:** The Coordinator participates in the San Joaquin County Office of Education’s (SJCOE) formation of the Community Partners for Environmental Literacy (CPEL), a collaboration of local educators working toward effective environmental outreach. CPEL/SJCOE often sponsors virtual seminars to share learning tools and methods with environmental educators and promote networking among environmental educators in San Joaquin County.



A recruit staffing the SAWS booth at the 2022 Earth Day Festival

Program Administration

Kristin Coon (Kristin Coon Consulting) is responsible for administration of the SAWS Water Education Program. This includes hiring and supervision of employees, payroll, payroll taxes, worker's compensation and liability insurance, subcontractor negotiations/compensation, scheduling and all other aspects of program operations, including implementation of in-class and virtual learning programs. The approved program budget for 2022/2023 went into effect on April 1, 2022, and the contract between SEWD and Kristin Coon Consulting is currently in effect from August 1, 2022 through July 31, 2024.

Staffing

In the 2021/2022 school year, under the supervision of Kristin Coon Consulting, the SAWS Water Education Program continued to serve the SAWS alliance, providing virtual and in-class water education outreach for Stockton area schools.

When the statewide shutdown of schools occurred in mid-March 2020 and all scheduled presentations were cancelled, Kristin Coon Consulting continued to pay classroom instructors based on an average of the previous year's compensation. This was necessary to retain instructors and prepare for resumption of the in-class program. In 2021, coordinator Kristin Coon developed a virtual outreach program, offered the program to teachers and administrators, organized, prepared, scheduled and delivered virtual learning supplies and supporting materials to Stockton area schools, and managed the day-to-day business of the Water Education Program. Mrs. Kathy Kirchhof was retained as a classroom instructor and assisted Coordinator Kristin Coon with preparation and distribution of virtual learning supplies and materials. In June 2021, Mrs. Sue Daugherty ("Miss Sue") was hired in anticipation of returning to the classroom in the 2021/2022 school year. In the 2021/2022 school year, both the virtual and in-class programs were implemented. Mrs. Kirchhof and Mrs. Daugherty shared the in-class presentation schedule. Mrs. Coon provided backup, organized and attended events and implemented the virtual program. In January 2022, Mrs. Kirchhof left the SAWS Water Education Program due to a death in the family. Mrs. Coon assumed Mrs. Kirchhof's presentation schedule through June 2022. Mrs. Daugherty presented for the Lincoln District's Summer School Program at Colonial Heights, Tully C. Knoles and Mabel Barron elementary schools in June 2022. In August 2022, Ms. Blair Baker ("Miss Blair") was hired and is currently in training to become a SAWS Water Education Program presenter. Thus, as of this writing, the SAWS Water Education Program is fully staffed.

Looking Ahead: The Coming School Year

The SAWS Water Education Program calendar is fully booked through the 2022/2023 school year for classroom presentations and youth-oriented events.

Mrs. Daugherty has committed to another school year, and Ms. Baker is in training and looking forward to visiting Stockton classrooms as well. Mrs. Daugherty and Ms. Baker will share classroom presentation duties equally with Mrs. Coon providing backup.

Kristin Coon will continue to manage the Water Education Program, including further virtual learning program development and implementation, payroll, finances, scheduling and working with SEWD, the Urban Contractors, schools and other water agencies to disseminate effective water education to Stockton area schools and communities.

Conclusion

As we embark upon our 18th year serving SAWS and Stockton area schools, the SAWS Water Education Program staff is proud to say that our outreach programs are well-known and respected in the community. Our presentations reach significant numbers of students and community members with a variety of programs, and we participate in many high-profile youth oriented local events.

In the 2021/2022 school year, the SAWS Water Education reached 18,775 students through in-class, virtual and special event programs. The feedback from teachers and administrators is testament to the fact that we have excellent presenters who are adept at sharing knowledge of and enthusiasm for our water resources; we are invited back to schools and events year after year because the programs we offer are a valuable resource for Stockton area schools and the community.

The SAWS Water Education Program is endorsed and approved by the Stockton, Lincoln, Lodi and Manteca school districts as well as a variety of charter and private schools in the Stockton metropolitan area. The program is also sanctioned by the San Joaquin County Office of Education. Our success is evidenced by the numbers: teachers participate enthusiastically year after year and demand for presentations exceeds availability. The most effective tool for program sustainability remains teacher-to-teacher recommendations; we continue to visit new teachers and schools each year, and our loyal followers recommend us to their colleagues and take us along when they move to new schools. Teachers often coordinate our presentations with their lesson plans and many use our outreach programs to

enhance field trip experiences. This promotes a comprehensive learning approach, which is a major component of the overall plan: when we make multiple contacts, seeing students year after year, we are building a broad knowledge base that will make water conservation and awareness second nature for those residing in our communities, ultimately helping us achieve our goal of promoting effective, community-wide water conservation and awareness in Stockton. Evaluations from both teachers and students are always enthusiastic and positive (see Feedback section), and support for the program remains strong because it reinforces grade specific content/NGSS standards, coordinates seamlessly with curriculum, and provides a hands-on, memorable learning experience for students.

Teacher feedback and student comments and illustrations are provided in the Feedback section of this report.



Feedback



WATER EDUCATION PROGRAM

Teacher Feedback on the SAWS Water Education Virtual Learning Program

Teacher Feedback is key to enhancing and improving our programs

Water cycle relationship to the real world...the program is a great resource for teachers and students (scientists!)

Ms. Dutra, Grade 5, Davis Elementary

The hands-on projects were an excellent way to show the students the importance of conserving water!

Ms. Whiteside, Grade 3, French Camp Elementary

My students loved the "Thirstyville" water rights debate! Very fun, informative!

Ms. Flanigan, Grade 4, Elkhorn Elementary

After the presentation, students understood the water cycle. They loved the song and the game.

Ms. Nguyen, Grade 1, Wagner-Holt Elementary

California State Standards! NGSS! Hands on visual demos! Excellent presentation!

Mrs. Best, Grade 5, Don Riggio Elementary

Grade level appropriate. Love all the hands-on. Easy to schedule. Kept students' attention. Very engaging.

Ms. McNally, Grade 2, John Muir Elementary

Kids and teachers LOVE the handouts, especially the toothbrushes, pencils and crayons!

Ms. Marrello, Grade 1, Wagner-Holt Elementary

Instructor had knowledge of the content and kept students engaged. It gave real-life examples that students can relate to.

Ms. Khan, Grade 3, Aspire Port City Academy

Students love the hands-on experiment and the water filtering demonstration.

Mr. Fink, Grade 3, Creekside Elementary

The variety of teaching – sitting, standing, singing, partner work/decisions, experiments – make this a wonderful, engaging and informative presentation.

Ms. Carloni, Kinder, Clairmont Elementary

Life science, Earth science, water cycle, ecosystems, gravity – the whole experience was wonderful!

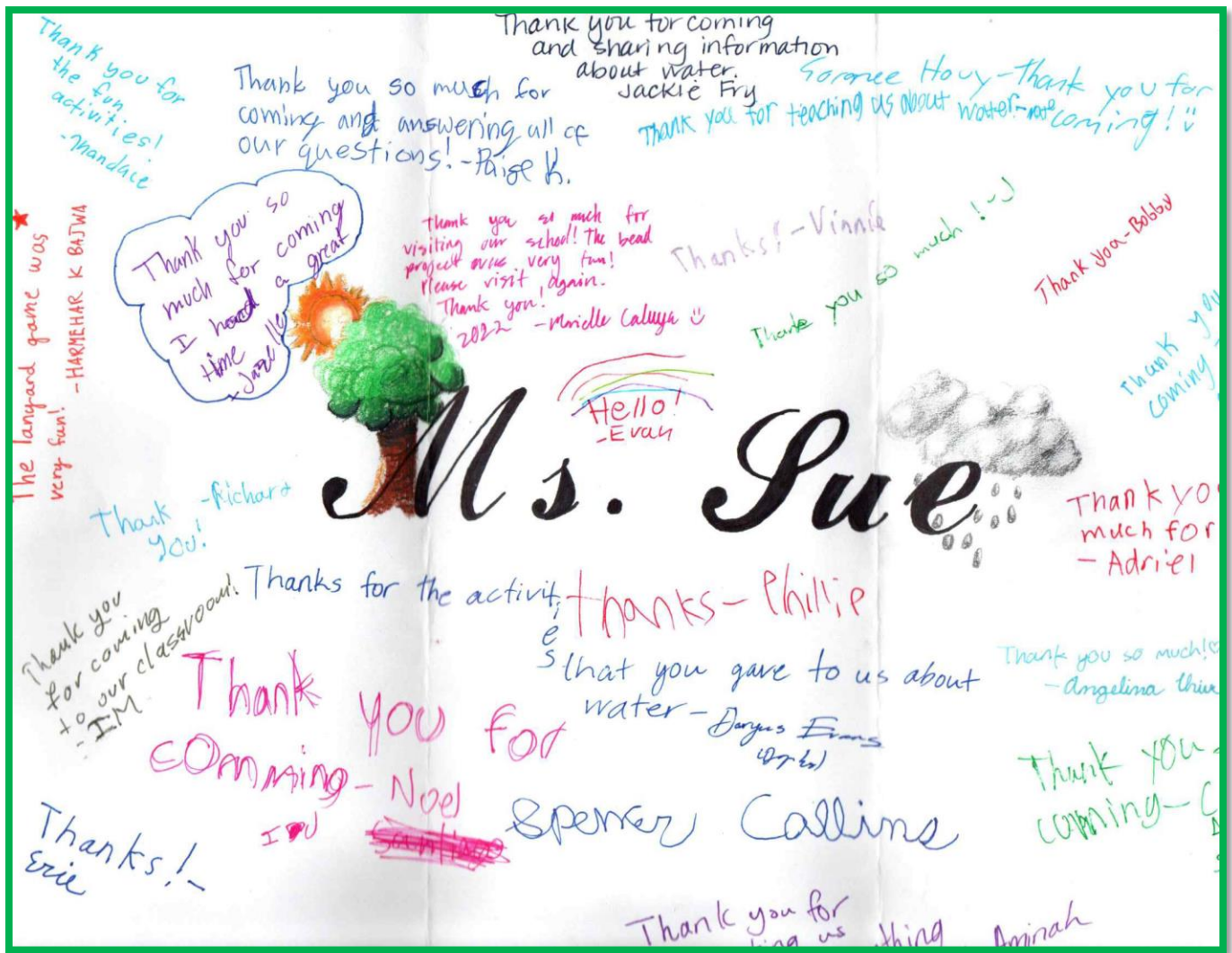
Ms. Smith, Grade 3, Commodore Stockton Skills Elementary

Perfect for our unit on water systems!

Ms. Fry, Grade 5, John Muir Elementary

Very helpful and fun visuals, interactive demonstrations.

Ms. Simpson, Grade 3, Ansel Adams Elementary



Mrs. Kirchhof and Ms. Sue



Mrs. Coon (and a favorite teacher)

Report Stats



WATER EDUCATION PROGRAM

SAWS Water Education Program
Students Participating: All Outreach Programs, All Providers
Comparison by School Year (SY)

In-Class/Assembly	School Year / # of Students																
	SY 05/06	SY 06/07	SY 07/08*	SY 08/09*	SY 09/10*	SY 10/11*	SY 11/12*	SY 12/13*	SY 13/14*	SY 14/15*	SY 15/16*	SY 16/17*	SY 17/18*	SY 18/19*	SY 19/20*	SY 20/21*	SY 21/22*
SAWS Water Ed Prog	8044	12357	15344	18293	18838	18915	21345	19748	26320	23538	24350	18670	22438	23980	16111	8373	18775
Assembly Program	3002	11452	9925	13989	4459	4660	6085	4731	5934	4730	5736	0	2725	2151	658	2383	0
Totals:	11046	23809	25269	32282	23297	23575	27430	24479	32254	28268	30086	18670	25163	26131	16769	10756	18775

*** See notes on Assembly Program below**

SY 07/08: 46 GWM assemblies performed in the 2007/2008 school year covered under the 2007/2008 agreement with SYRCL. One presenter (KC)

SY 08/09: 54 GWM assemblies performed in the 2008/2009 school year covered under the 2007/2008 agreement with SYRCL. Two Presenters (KC & SW)

SY 09/10 & 10/11: 15 Zun Zun assemblies performed in 09/10 and 10/11 school years covered under agreement with Zun Zun. Three presenters (KC, SW & MT)

SY 11/12: 18 Zun Zun assemblies performed in 11/12 covered under agreement with Zun Zun. Three presenters (KC, SW & MQ)

SY 12/13: 14 Zun Zun assemblies performed in 12/13 covered under agreement with Zun Zun. Two presenters (KC & MQ)

SY 13/14: 15 Zun Zun assemblies performed in 13/14 covered under agreement with Zun Zun. Three presenters (KC, MQ & SK)

SY 14/15: 14 Zun Zun assemblies performed in 14/15 covered under agreement with Zun Zun. Three presenters (KC, MQ & SK)

SY 15/16: 15 Zun Zun assemblies performed in 15/16 covered under agreement with Zun Zun. Three presenters (KC, MQ & SK)

SY 16/17: Zun Zun assembly program was not funded by SAWS. Three presenters through 12/16 (KC, MQ, SK), two presenters Jan-July 2017 (KC, SK)

SY 17/18: Zun Zun assembly program funding partially restored by SAWS; 9 Zun Zun assemblies performed in 17/18. Three presenters (KC, SK & KK)

SY 18/19: 6 Zun Zun assemblies performed in 18/19. Three presenters (KC, SK, KK)

SY 19/20: 1 Zun Zun assembly performed in 19/20. Three presenters (KC, SK, KK), schools closed mid-March 2020 due to COVID19

SY 20/21: 4 Zun Zun assemblies performed in 20/21 (virtual only). Two presenters (KC, KK), one contractor (Zun Zun). Schools closed entire 20/21 school year due to COVID19; all outreach was virtual. In-class presentations for 2021 Summer School only.

SY 21/22: 0 Zun Zun assemblies 21/22 due to COVID19. Three presenters (KC, KK, SD) thru Feb 22, two presenters (KC, SD) Mar-July. Many school campuses still closed first semester due to COVID19, most opened after Jan 1. Mix of virtual and in-class presentations.

**SAWS Water Education Program Presentation/Event Breakdown
School Year: 2021/2022**

By Presentation Type

Presentation Type	# of Presentations	# of Students or	%
Classroom Presentations	270	8270	44%
Virtual Program	16	435	2%
Events	6	10070	54%
Water Treatment Plant Tours			0%
Water Conservation Workshops			0%
Career Workshops			0%
Children's Festivals			0%
After School Program			0%
Totals	292	18775	100%

By Grade

Grade	Clsrms	Students	%
K	34	850	5%
Gr 1	65	1725	9%
Gr 2	56	1685	9%
Gr 3	55	1785	10%
Gr 4	33	1155	6%
Gr 5	41	1435	8%
Middle School	2	70	0%
Aftersch			0%
Event/Other**	6	10070	54%
	292	18775	100%

By Presenter

Presenter	Venues/ Classrooms	Students/ Citizens	%
Kristin Coon	43	11195	60%
Kathy Kirchof	69	2120	11%
Miss Sue	180	5460	29%
	292	18775	100%

By School District

District	Students	%
Stockton USD	2235	12%
Lodi USD	2755	15%
Lincoln USD	2305	12%
Manteca USD	765	4%
Aspire/Charter	535	3%
Private	180	1%
All/Other**	10000	53%
	18775	100%

By Water Provider

Provider	Students	%
Cal Water	2665	14%
City of Stockton	5170	28%
Unincorporated/SJ County	940	5%
All **	10000	53%
	18775	100%

Total Schools/Venues 20/21
51

** Students or children reached through city or county wide events: unable to determine district, provider, or grade

SAWS Water Education Program Presentations and Events

School Year: 2021/2022 (8/1/21-7/31/2022)

Master Presentation List (Sorted by Date)

Date	School/Venue	District	Water Provider	Qty	Grade	Code	Students	Presenter
9/9/2021	Manlio Silva	Lodi USD	City of Stockton	2	3	C	60	SD
9/13/2021	Ansel Adams	Lodi USD	City of Stockton	3	1	C	90	SD
9/14/2021	Mosher	Lodi USD	City of Stockton	2	5	C	70	SD
9/20/2021	Manlio Silva	Lodi USD	City of Stockton	4	2	C	120	SD
9/23/2021	August Knodt	MUSD	City of Stockton	1	3	C	30	SD
9/24/2021	Sutherland	Lodi USD	City of Stockton	2	2	C	60	KK
9/28/2021	August Knodt	MUSD	City of Stockton	1	2	C	30	SD
9/29/2021	Julia Morgan	Lodi USD	City of Stockton	1	5	C	35	KK
9/30/2021	August Knodt	MUSD	City of Stockton	2	2	C	60	SD
10/1/2021	Julia Morgan	Lodi USD	City of Stockton	1	5	C	35	KK
10/12/2021	August El	SUSD	Cal Water	2	5	C	70	SD
10/18/2021	Julia Morgan	Lodi USD	City of Stockton	3	2	C	90	SD
10/20/2021	Clairmont	Lodi USD	City of Stockton	2	1	C	60	KK
10/21/2021	Bush	SUSD	Cal Water	5	1	V	120	KK
10/21/2021	Wilson	SUSD	Cal Water	1	2	C	30	KK
10/22/2021	August Knodt	MUSD	City of Stockton	2	5	C	70	KK
10/25/2021	Victory	SUSD	Cal Water	2	2	C	60	SD
10/26/2021	Creekside	Lodi USD	City of Stockton	3	3	C	90	SD
10/28/2021	Roosevelt	SUSD	Cal Water	2	4	C	70	KK
10/29/2021	Victory	SUSD	Cal Water	2	1	C	60	KK

Date	School/Venue	District	Water Provider	Qty	Grade	Code	Students	Presenter
11/1/2021	August El	SUSD	Cal Water	3	K	C	75	SD
11/2/2021	Oakwood	Lodi USD	City of Stockton	3	5	C	105	SD
11/3/2021	Huerta	SUSD	Cal Water	2	K	V	50	KK
11/4/2021	AgVenture	All	All	1	E	E	2500	KC
11/5/2021	August El	SUSD	Cal Water	2	2	C	60	KK
11/5/2021	Marshall El	SUSD	Cal Water	2	3	V	70	KK
11/8/2021	Komure	MUSD	City of Stockton	3	3	C	105	SD
11/10/2021	August Knodt	MUSD	City of Stockton	1	4	C	35	KK
11/15/2021	Port City	Charter	Cal Water	3	3	C	90	SD
11/17/2021	McKinley	SUSD	Cal Water	4	3	C	120	KK
11/19/2021	Wilson	SUSD	Cal Water	2	4	C	70	SD
11/29/2021	August El	SUSD	Cal Water	2	1	C	60	SD
11/30/2021	Harrison	SUSD	Cal Water	1	4	C	35	SD
11/30/2021	Oakwood	Lodi USD	City of Stockton	1	4	C	35	SD
12/2/2021	Oakwood	Lodi USD	City of Stockton	3	1	C	90	KK
12/3/2021	Julia Morgan	Lodi USD	City of Stockton	2	4	C	70	KK
12/7/2021	Clairmont	Lodi USD	City of Stockton	2	6	C	70	SD
12/9/2021	Great Valley	MUSD	City of Stockton	1	5	C	35	KK
12/13/2021	Westwood	Lodi USD	City of Stockton	3	3	C	90	SD
12/15/2021	Oakwood	Lodi USD	City of Stockton	1	4	C	35	KK
12/16/2021	French Camp	MUSD	City of Stockton	3	3	C	90	KK
12/17/2021	Oakwood	Lodi USD	City of Stockton	1	4	C	35	KK
1/10/2022	Port City	Charter	Cal Water	3	1	C	75	SD
1/11/2022	Brookside	Lincoln	City of Stockton	3	1	C	75	SD

Date	School/Venue	District	Water Provider	Qty	Grade	Code	Students	Presenter
1/13/2022	Madison	SUSD	Cal Water	3	1	V	75	KC
1/14/2022	John Muir	Lodi USD	City of Stockton	3	K	C	75	KK
1/18/2022	Hazelton	SUSD	Cal Water	3	1	C	75	SD
1/19/2022	AgVenture	All	All	1	E	E	2500	KC
1/20/2022	El Dorado	SUSD	Cal Water	3	1	C	75	KK
1/21/2022	Don Riggio	Lincoln	City of Stockton	2	3	C	70	KK
1/24/2022	Bush	SUSD	City of Stockton	2	5	V	70	KC
1/25/2022	Davis	Lodi USD	SJ County	2	5	C	70	SD
1/26/2022	Podesta Ranch	Lodi USD	City of Stockton	2	1	C	50	SD
1/27/2022	McCandless	Lincoln	Cal Water	1	2	C	30	KK
1/28/2022	Don Riggio	Lincoln	City of Stockton	2	5	C	70	KK
1/31/2022	Mable Barron	Lincoln	City of Stockton	3	1	C	75	SD
2/1/2022	Ansel Adams	Lodi USD	City of Stockton	2	3	C	70	SD
2/2/2022	Port City	Charter	Cal Water	3	K	C	75	KK
2/3/2022	Ansel Adams	Lodi USD	City of Stockton	2	3	C	70	KK
2/4/2022	Port City	Charter	Cal Water	2	4	C	70	SD
2/7/2022	Podesta Ranch	Lodi USD	City of Stockton	2	4	C	70	SD
2/8/2022	Julia Morgan	Lodi USD	City of Stockton	2	3	C	70	SD
2/9/2022	Victory	SUSD	Cal Water	2	3	C	70	KK
2/10/2022	August El	SUSD	Cal Water	1	3	C	25	KK
2/10/2022	Julia Morgan	Lodi USD	City of Stockton	1	3	C	35	KK
2/15/2022	Tully Knoles	Lincoln	SJ County	3	3	C	105	SD
2/16/2022	Lincoln	Lincoln	SJ County	1	5	C	35	SD
2/17/2022	Brookside	Lincoln	City of Stockton	4	3	C	140	KK

Date	School/Venue	District	Water Provider	Qty	Grade	Code	Students	Presenter
2/22/2022	Landeen	Lincoln	City of Stockton	2	1	C	60	SD
2/23/2022	Port City	Charter	Cal Water	2	5	C	70	SD
2/24/2022	Lincoln	Lincoln	SJ County	2	5	C	70	KK
2/25/2022	Julia Morgan	Lodi USD	City of Stockton	2	1	C	50	KK
2/28/2022	Komure	MUSD	City of Stockton	3	4	C	105	SD
3/2/2022	August Knodt	MUSD	City of Stockton	1	4	C	35	SD
3/3/2022	AgVenture	All	All	1	E	E	2500	KC
3/4/2022	Landeen	Lincoln	City of Stockton	1	4	C	35	KK
3/7/2022	Clairmont	Lodi USD	City of Stockton	2	3	C	70	SD
3/8/2022	Brookside	Lincoln	City of Stockton	1	5	C	35	SD
3/8/2022	John Muir	Lodi USD	City of Stockton	1	2	C	30	SD
3/9/2022	Brookside	Lincoln	City of Stockton	1	5	C	35	KC
3/9/2022	John Muir	Lodi USD	City of Stockton	1	2	C	30	KC
3/10/2022	Brookside	Lincoln	City of Stockton	1	5	C	35	KC
3/10/2022	John Muir	Lodi USD	City of Stockton	1	2	C	30	KC
3/14/2022	St. Luke	Private	Cal Water	1	1	C	25	SD
3/14/2022	St. Luke	Private	Cal Water	1	K	C	25	SD
3/15/2022	Brookside	Lincoln	City of Stockton	1	2	C	30	SD
3/15/2022	Mable Barron	Lincoln	City of Stockton	1	5	C	35	SD
3/16/2022	St. Luke	Private	Cal Water	1	4	C	35	KC
3/16/2022	St. Luke	Private	Cal Water	1	5	C	35	SD
3/17/2022	Brookside	Lincoln	City of Stockton	1	2	C	30	KC
3/17/2022	Mable Barron	Lincoln	City of Stockton	1	5	C	35	KC
3/18/2022	Brookside	Lincoln	City of Stockton	3	K	C	75	SD

Date	School/Venue	District	Water Provider	Qty	Grade	Code	Students	Presenter
3/21/2022	Landeen	Lincoln	City of Stockton	1	5	C	35	SD
3/22/2022	Brookside	Lincoln	City of Stockton	1	2	C	30	SD
3/22/2022	Mable Barron	Lincoln	City of Stockton	1	5	C	35	SD
3/23/2022	John R Williams	Lincoln	City of Stockton	3	1	C	75	SD
3/24/2022	Hong Kingston	SUSD	City of Stockton	1	4	C	35	KC
3/24/2022	Landeen	Lincoln	City of Stockton	1	5	C	35	KC
3/25/2022	Lincoln	Lincoln	SJ County	3	K	C	75	SD
3/28/2022	Clairmont	Lodi USD	City of Stockton	2	2	V	50	KC
3/28/2022	McCandless	Lincoln	Cal Water	2	K	C	50	SD
3/29/2022	St. Luke	Private	Cal Water	1	2	C	30	SD
3/29/2022	St. Luke	Private	Cal Water	1	3	C	30	SD
3/30/2022	Peyton	SUSD	City of Stockton	4	2	C	120	SD
4/1/2022	El Dorado	SUSD	Cal Water	2	K	C	50	SD
4/4/2022	Mable Barron	Lincoln	City of Stockton	3	K	C	75	SD
4/5/2022	August El	SUSD	Cal Water	2	4	C	70	SD
4/6/2022	Clairmont	Lodi USD	City of Stockton	2	5	C	70	SD
4/7/2022	Great Valley	MUSD	City of Stockton	2	4	C	70	KC
4/8/2022	Peyton	SUSD	City of Stockton	3	K	C	75	SD
4/11/2022	Commodore	SUSD	Cal Water	2	2	C	60	SD
4/12/2022	Commodore	SUSD	Cal Water	2	2	C	60	SD
4/13/2022	Elkhorn	Lodi USD	City of Stockton	1	5	C	35	KC
4/13/2022	Podesta Ranch	Lodi USD	City of Stockton	2	3	C	70	SD
4/14/2022	Commodore	SUSD	Cal Water	1	2	C	30	KC
4/15/2022	Wilson	SUSD	Cal Water	2	3	C	60	KC

Date	School/Venue	District	Water Provider	Qty	Grade	Code	Students	Presenter
4/19/2022	Lincoln	Lincoln	SJ County	2	2	C	60	SD
4/20/2022	Elkhorn	Lodi USD	City of Stockton	1	4	C	35	SD
4/20/2022	Mable Barron	Lincoln	City of Stockton	1	2	C	30	SD
4/21/2022	Lincoln	Lincoln	SJ County	1	2	C	30	KC
4/21/2022	Mable Barron	Lincoln	City of Stockton	1	2	C	30	KC
4/22/2022	Wagner Holt	Lodi USD	City of Stockton	2	1	C	50	SD
4/25/2022	Tully Knoles	Lincoln	SJ County	3	K	C	75	SD
4/26/2022	Great Valley	MUSD	City of Stockton	2	4	C	70	SD
4/27/2022	Creekside	Lodi USD	City of Stockton	3	1	C	75	SD
4/28/2022	Davis	Lodi USD	SJ County	2	1	C	50	KC
4/29/2022	Komure	MUSD	City of Stockton	1	1	C	30	SD
4/29/2022	Mable Barron	Lincoln	City of Stockton	1	2	C	30	SD
5/2/2022	Taylor	SUSD	Cal Water	3	K	C	75	SD
5/3/2022	Landeem	Lincoln	City of Stockton	1	3	C	30	SD
5/4/2022	AgVenture	All	All	1	E	E	2500	KC
5/5/2022	River Oaks	Charter	City of Stockton	1	3	C	30	SD
5/6/2022	Landeem	Lincoln	City of Stockton	2	3	C	60	SD
5/9/2022	Manlio Silva	Lodi USD	City of Stockton	2	4	C	70	SD
5/10/2022	Wagner Holt	Lodi USD	City of Stockton	2	2	C	60	SD
5/11/2022	Wagner Holt	Lodi USD	City of Stockton	1	2	C	30	SD
5/12/2022	Port City	Charter	Cal Water	1	2	C	30	KC
5/12/2022	River Oaks	Charter	City of Stockton	1	3	C	35	KC
5/13/2022	Commodore	SUSD	Cal Water	2	1	C	50	KC
5/13/2022	Manlio Silva	Lodi USD	City of Stockton	1	4	C	35	KC

Date	School/Venue	District	Water Provider	Qty	Grade	Code	Students	Presenter
5/16/2022	Commodore	SUSD	Cal Water	2	1	C	50	SD
5/16/2022	Harrison	SUSD	Cal Water	1	4	C	35	SD
5/17/2022	John Muir	Lodi USD	City of Stockton	1	5	C	35	SD
5/17/2022	Tully Knoles	Lincoln	SJ County	1	2	C	30	SD
5/18/2022	John Muir	Lodi USD	City of Stockton	1	5	C	35	SD
5/18/2022	Tully Knoles	Lincoln	SJ County	1	2	C	30	SD
5/19/2022	John Muir	Lodi USD	City of Stockton	1	5	C	35	KC
5/19/2022	Tully Knoles	Lincoln	SJ County	1	2	C	30	KC
5/20/2022	Podesta Ranch	Lodi USD	City of Stockton	2	2	C	60	KC
5/23/2022	Port City	Charter	Cal Water	2	2	C	60	SD
5/24/2022	Henry	SUSD	Cal Water	2	1	C	50	SD
5/25/2022	Henry	SUSD	Cal Water	2	1	C	50	KC
5/26/2022	Tully Knoles	Lincoln	SJ County	2	E	E	70	KC
6/7/2022	Mable Barron	Lincoln	City of Stockton	1	1	C	35	SD
6/7/2022	Mable Barron	Lincoln	City of Stockton	1	2	C	35	SD
6/8/2022	Mable Barron	Lincoln	City of Stockton	1	5	C	35	SD
6/13/2022	Colonial Heights	Lincoln	SJ County	1	1	C	35	SD
6/13/2022	Colonial Heights	Lincoln	SJ County	1	2	C	35	SD
6/14/2022	Colonial Heights	Lincoln	SJ County	1	5	C	35	SD
6/21/2022	Tully Knoles	Lincoln	SJ County	1	1	C	35	SD
6/21/2022	Tully Knoles	Lincoln	SJ County	1	2	C	35	SD
6/22/2022	Tully Knoles	Lincoln	SJ County	1	5	C	35	SD
9/16/2022	Victory	SUSD	Cal Water	1	1	C	25	SD
Totals:				292			18775	

Date	School/Venue	District	Water Provider	Qty	Grade	Code	Students	Presenter
------	--------------	----------	----------------	-----	-------	------	----------	-----------

KEY

Grade	Description
K	Kindergarten
1 - 8	Grade Level
E	Event

Initials	Presenter
KC	Kristin Coon
KK	Kathy Kirchhof
SD	Sue Daugherty

Program Type	Code	Presentations	Students
Classroom Presentation	C	270	8270
Virtual Program	V	16	435
Event	E	6	10070
WTP Tours	TT		
Water Conservation Workshops	WC		
Career workshops	W		
Other	O		
Totals:		292	18775
		Total Schools/Venues:	0

What is Padlet?



WATER EDUCATION PROGRAM

The SAWS Water Education Virtual Program is offered to teachers on Padlet

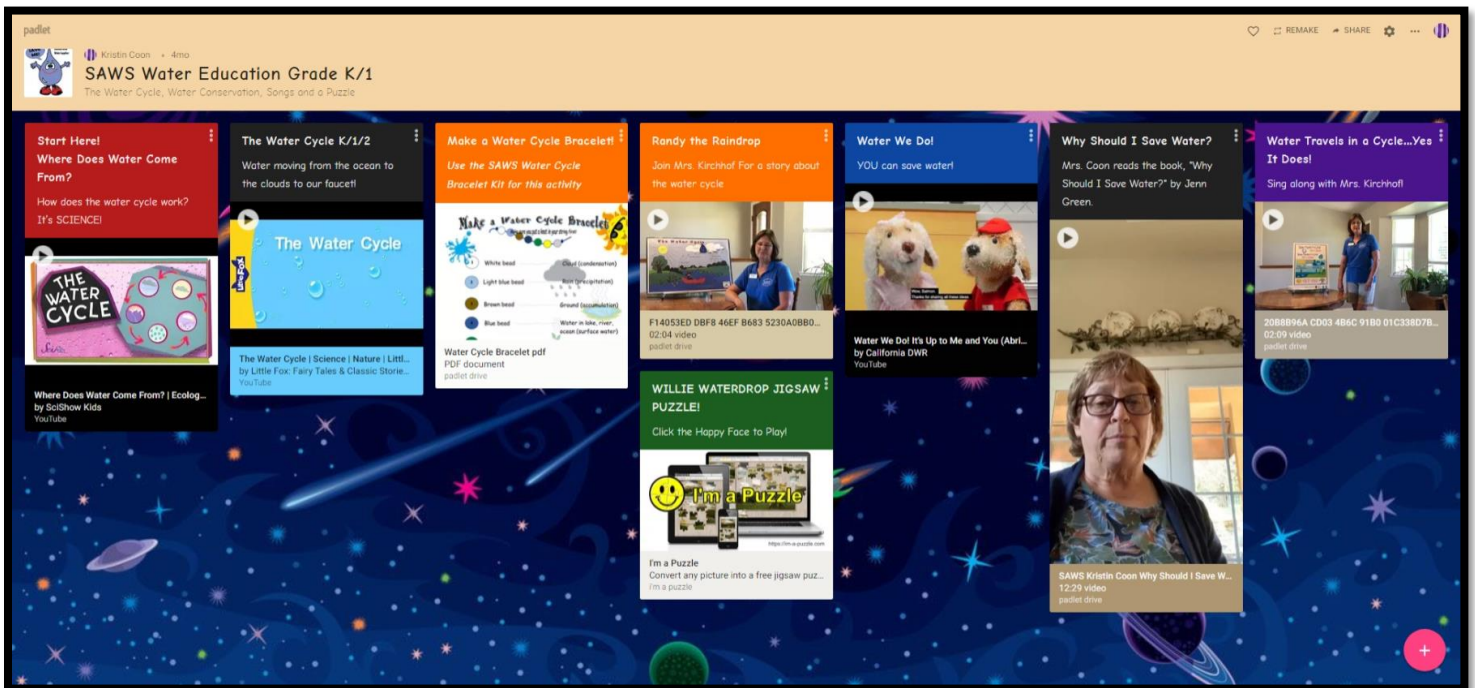
What is Padlet?

Padlet is a digital tool that can help teachers and students in class and beyond by offering a single place for a notice board. This digital notice board features images, links, videos, and documents, all collated on a "wall" that can be made public or private.

The SAWS Water Education Virtual Program offers four Padlets to teachers:

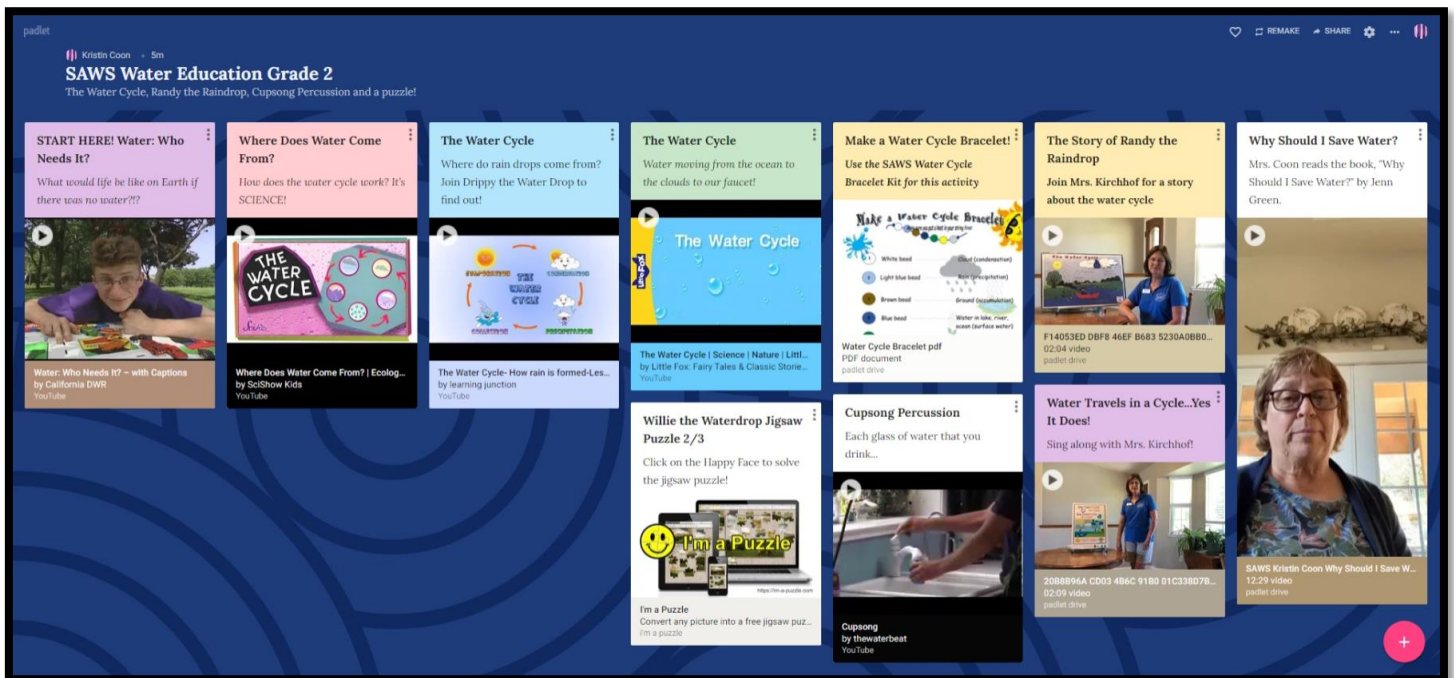
Kindergarten/Grade 1 Padlet

The K/1 Padlet offers two water cycle videos, Mrs. Kirkhof reading the story of Randy the Raindrop and singing "Water Travels in a Cycle," a water conservation video, instructions for making a water cycle bracelet, a jigsaw puzzle, a video of Mrs. Coon reading the book "Why Should I Save Water?" and instructions for making a water cycle bracelet from the kits supplied by SAWS.



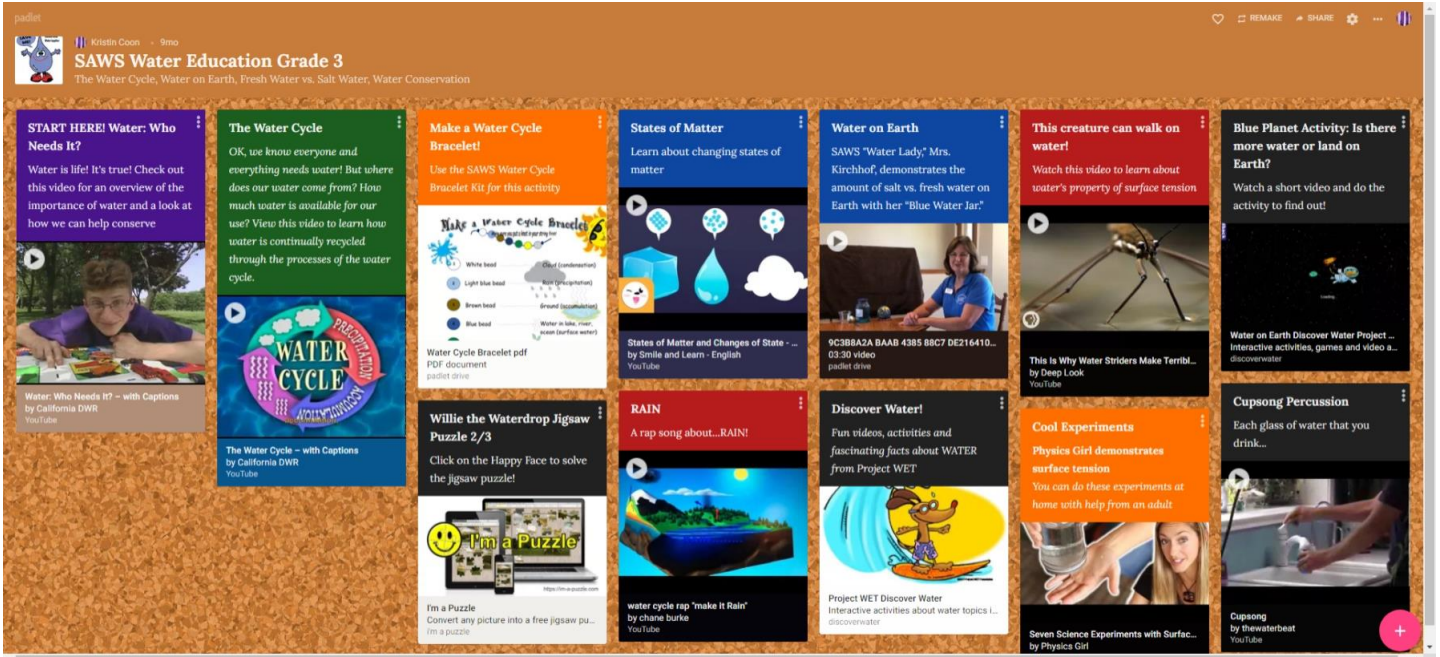
Grade 2 Padlet

The Grade 2 Padlet offers two water cycle videos, a water source video, DWR’s “Water Who Needs It?” video, “Cupsong Percussion,” a catchy tune by Zun Zun, Mrs. Kirkkof reading the story of Randy the Raindrop and singing “Water Travels in a Cycle,” a jigsaw puzzle, a water conservation video, a video of Mrs. Coon reading the book “Why Should I Save Water?” and instructions for making a water cycle bracelet from the kits supplied by SAWS.



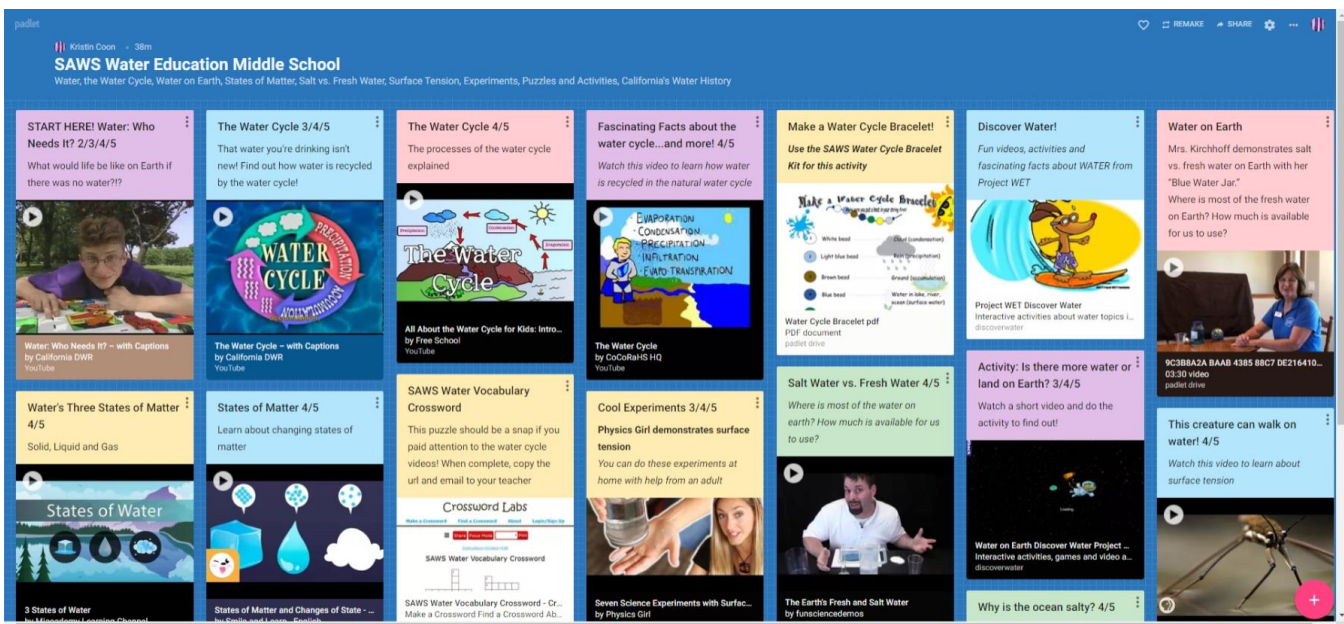
Grade 3 Padlet

The Grade 3 Padlet offers two water cycle videos, a water source video, DWR’s “Water Who Needs It?” video, “Cupsong Percussion,” a catchy tune by Zun Zun, Mrs. Kirkkof discussing water on earth, a rap song about rain, a link to Project Wet’s “Discover Water” page, a video of Science Girl doing several “cool experiments” with water, a jigsaw puzzle, a video from PBS explaining how surface tension makes it possible for water striders to “walk” on water, and instructions for making a water cycle bracelet from the kits supplied by SAWS.



Grade 4/5/6 Middle School Padlet

The Middle School Padlet offers two water cycle videos, a water source video, DWR’s “Water: Who Needs It?” video, a video with fascinating facts about the water cycle, Mrs. Kirkkof discussing water on earth, two videos about water’s three states of matter, a water vocabulary crossword puzzle, a link to Project Wet’s “Discover Water” page, a video of Science Girl doing several “cool experiments” with water, a video explaining the difference between salt and fresh water, a video from PBS explaining how surface tension makes it possible for water striders to “walk” on water, and instructions for making a water cycle bracelet from the kits supplied by SAWS.



The Padlet Kits Supplied by SAWS

Teachers participating in the SAWS Virtual Water Education Program are supplied a “bag of goodies,” supplies and materials to share with students that complement the videos and activities on the SAWS Padlets, along with a few items for their classroom. The Coordinator and Water Education Instructors deliver the materials and supplies after sending teachers information about and links to the appropriate Padlet.

