

About the Program

The Orange County Water Authority has been providing Water Conservation Education Programs to schools in Orange County for over fifteen years. The cost of this **Programming is free** to schools within the county's borders and provides curricular material in water conservation along with our conservation educators MaryLynne Malone and Sarah Archbald. The education program is multi-disciplinary, spanning the scope of students' regular classes including Science, Math, Social Studies, and Language Arts as well as challenging students to work in groups to solve problems. The program is flexible, allowing for diversity, but typically runs for one week, one hour per class for each grade level participating. This program is also available for free to afterschool programs and not-for-profits.

One of the most exciting parts of the program is the "Trickle-Down" instruction, where older students, having learned the lessons from our education staff, plan and then teach those lessons, with accompaniment, to younger students. In many schools fifth grade is taught first, then with the guidance of the classroom teachers three to six "student instructors" each day come to help teach the students in third grade.

The goal of the Orange County Water Authority Water Conservation Education Program is to bring home the message that water conservation should be part of our daily routine. In order to have water resources available when needed in our growing communities, everyone must use their conservation consciousness every day.

Orange County Water Authority
99 Main Street, Suite 1
Goshen, New York 10924



Water Conservation Education Program

**FREE Programs
for Elementary
Schools in
Orange County**



Sign Up Today!

The Orange County Water Authority is pleased to be able to offer schools in Orange County FREE programs in water conservation education. Our program is unique and it has been well received by many schools in Orange County. We want you to have the opportunity to participate also!



We Do It With Your Help

- The first level of the program is taught by our education staff. (This takes one full week, 1 hour per day/ per class.)
- The second level of the program is setting forth a plan to help teach the younger students those lessons taught by the OCWA education staff the week before.
- The third level involves 3-6 students per day from the previous grade, teaching the planned lessons to younger students in concert with the education staff. (One full week- 1 hour per day/ per class.)

This schedule can be modified based on the number of grades in a building and number of participating teachers/classes in each grade. It is recommended that 1 grade be skipped between student instructors and students receiving the program. For example Grade 6 - Grade 4 or Grade 5 -Grade 3.

VISIT OUR WEBSITE FOR ADDITIONAL INFORMATION AND PHOTOS
<http://waterauthority.orangecountygov.com>

New Concept for Teaching

The OCWA education staff has developed a program in which students of older grades will have the opportunity to share the knowledge they have learned with younger students. We call it **Trickle-Down Teaching**.



Fun & Exciting

The OCWA Education programming has been designed to be hands-on, thought provoking, multi-disciplinary and enjoyable while encouraging group dynamics and problem solving techniques.



Mrs. Malone (Mrs. Mudd)



Miss Archbald

Students learn the importance of water conservation and the process of the water cycle as well as the “people” water cycle involving technology to provide clean water to our homes, businesses, and factories before returning to the environment. Students are taught the facts of toilet math, an explanation of how much water is flushed using an average toilet, how much less would be used with a low-flow unit, and ways each of us can save water with low cost, or home made water saving toilet devices. Students learn that everything needs water from a birthday cake to a television. To help them understand the big picture, an activity with that name allows students to design and build an ideal community keeping in mind people needs and environmental needs such as animal habitat. The culminating activity is “What Do You Know About H₂O?” a Jeopardy-like game show where student groups choose colored and numbered questions and answer them to receive points.



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