Make a splash as a Community Science Blue Team!

YOU can create a youth-powered Community Science Blue Team to help care for one of our most precious natural resources – WATER!

Blue Teams carry out a water quality action project that promotes sustainability and stewardship in your community.

This project is possible with generous funding from:

WHAT IS A BLUE TEAM?

➢ A Blue Team is a group of students (a classroom, school club, or a home school group) who commit to taking on and completing a water stewardship project in their community. The students can create their own project or use one listed here.

➢ Blue Teams will receive 8-10 hours or more of expert help from a Nature Vision educator — help in planning, preparing for, and executing their project. Blue Team participants also receive recognition upon completion of the project.

WHAT IS COMMUNITY SCIENCE?

➢ After learning all about plants, animals, and water in their area, students will help collect and analyze real-world data from one of their local waterways.

➢ This data will be used by local scientists to better understand the health of these bodies of water.

All programs can now be taught in small groups in person, remotely via video call, or in hybrid format with a shortened lesson and supplemental materials.

HOW TO REGISTER: Fill out and fax or e-mail the registration form below. Questions: contact info@naturevision.org. Within one week of submitting your registration form, you will be contacted by a Nature Vision educator to talk about your programs, set dates and jump-start your project!

Nature Vision is a non-profit Environmental Education organization in King County.
Now offering pre-made Community Science modules!

Program 1: Watershed Ecosystems
Students will learn about our local watershed to understand how water and pollution move through the landscape, from storm drains to our local waterways. Students will identify the watershed they belong to by labelling a map of significant waterways that make up their watershed. They will also interact with a watershed model to observe the impact of pollution to our water quality.

Program 2: Wetland Filters
Students will be introduced to wetlands and what is necessary for an area of land to be classified as a wetland. As there is a wetland on campus, students will be able to make a direct connection to the many functions of wetlands and their importance to our watersheds. They will build model wetlands to understand the filtering properties of the three layers in a wetland: plants, their roots, and the soil.

Program 3: Healthy Water, Healthy Soil
Students will learn about how soil is formed and how it interacts with water. They will be asked to collect soil samples near their home and conduct simple experiments in order to learn more about the health of their local ecosystem.

Program 4: Salmon Cycles
Students will learn these iconic Puget Sound fish and their role as a keystone species to our local ecosystem. The program will emphasize the salmon’s life cycle and their need for healthy riparian zones. Students will understand salmon as not only a food source to a variety of animals in our watershed but also as a necessary fertilizer to ensure healthy forests. Students will gain insight that our local salmon population are endangered and due to heavy amounts of stormwater runoff pollution in our waterways.

Program 5: Restoration Activity
Students will have the opportunity to complete a restoration activity that will promote environmental stewardship in their local area. Activities can include sign making in their neighborhood, invasive plant removal at a nearby site with parent/caregiver supervision, or any additional activity that helps care for the environment.

Program 6: Intro to Community Science
Students will be introduced to the concept of community science, how it can advance scientific research, and how they can get involved. Students will learn about their local watershed and see how potential sources of pollution can disrupt the chemical balance in the water. They will learn about some of the ways that scientists can test the quality of our local waterways.

Program 7: Data Collection and Reporting
Students will observe the Nature Vision educator collecting water quality data from a local body of water. They will then create posters that highlight the data and observations from the water quality testing, in addition to examining the impact water quality can have on animals like salmon.

Program 8: Presentations and Reflections
Students will present their poster or slideshow about their interpretation of the water quality testing data. Students will additionally participate in a reflection and complete post-surveys.
COMMUNITY SCIENCE BLUE TEAM
King County Flood Control District Registration Form

To become a COMMUNITY SCIENCE BLUE TEAM, please complete this page (please print) and FAX to 425-460-9126, or scan and email to info@naturevision.org.

Contact Name______________________________________________________________

Grade Level(s) ___________ # Students in Group ________ School District____________________

School or Group Name_______________________________________________________

Address________________________ City________________ Zip____________________

Daytime Phone(_____)____________________ Alternate/Cell Phone(_____)____________

Would you like to sign up for the pre-made Blue Team Module exactly as listed (no changes to program list)?

__________________________________

Optional: If you answered ‘No,’ are there any specific changes you had in mind?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

What date and time might work to meet with you (about 45 minutes) to plan your project?

________________________________________________________________________

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THE ABOVE NAMED SCHOOL RELEASES AND AGREES TO INDEMNIFY NATURE VISION, ITS OWNERS, EMPLOYEES, VOLUNTEERS AND DIRECTORS FOR ALL LOSSES, DAMAGES, JUDGMENTS, COSTS AND EXPENSES OF ANY KIND ARISING OUT OF OR IN ANY WAY RESULTING FROM THE ACTIVITIES OF STUDENTS, TEACHERS, VOLUNTEERS, PARENTS OR OTHER DISTRICT OR SCHOOL PARTICIPANT IN NATURE VISION PROGRAMS, INCLUDING SETTLEMENT PAYMENTS, COURT JUDGMENTS AND REASONABLE LEGAL DEFENSE FEES.

Signature: __________________________________________________________________ Date____________________