



Lynnhaven River NOW Pearl School Program Information and Resources for 2018 – 2019

The teachers in the public and private schools in our watershed and throughout the City of Virginia Beach are some of the most effective spokespeople in our community for water stewardship. They are doing a great job not only helping students understand watershed concepts, but also in developing an ethic of environmental responsibility and stewardship.

The goal of the Pearl School Program is to encourage and support the efforts of educators and schools. Through the Pearl School Program, schools will be able to earn points toward the Pearl School Award by carrying out educational and service projects.

These projects teach environmental concepts such as understanding watersheds, their unique characteristics, and problems, while encouraging students to take an active role in tackling some of our environmental challenges through service projects in their schools and communities.

Helping to Restore the Legend

How the Pearl School Program Works

The Pearl School Award is a way of recognizing schools that are providing their student body with a variety of environmental activities, exceeding the requirements of their curriculum, and including activities recognized by the Lynnhaven River NOW Pearl School Award (as outlined in this brochure). The purpose of this program is to foster good stewards, environmental education, and sustainability. This is not a competition and *Schools do not compete against each other.*

To earn a Pearl School Award the initial year and in subsequent years, a school must complete projects that add up to their level's required number of points. These projects must be documented, listing the teacher, and project points.

Having multiple grade levels and teachers involved in these projects is strongly encouraged. This gives the entire school "ownership" of this award and in some cases, additional points are awarded.

POINT REQUIREMENTS		
ELEMENTARY & PRESCHOOLS	MIDDLE SCHOOLS	HIGH SCHOOLS
First Year - 100 points <i>50 points in subsequent years</i>	First Year - 150 points <i>75 points in subsequent years</i>	First Year - 150 points <i>75 points in subsequent years</i>

2018 – 2019 Applications are due by 5 pm on Friday, March 15, 2019

To continue status as a Pearl School, all participants must apply annually.

Schools that achieve the award initially must apply within the next two years to be eligible for the subsequent year scoring requirements.

Schools waiting longer than two years must meet the first year's criteria to receive their award.

Schools, teams and teachers are urged to review the on-line application

<http://www.lynnhavenrivernow.org/pearl-schools> for ideas and point assignments.

Ideas for programs and projects not on the list may be designed and submitted in advance for approval.

Please note that a large project completed and receiving maximum credit in its completion year can be counted at half value in subsequent years if the project continues to be maintained, used in a learning capacity, and is documented and explained on the application.

Limits may apply on some programs. *See application form for specific details.

Schools earning the Pearl School status for the first time will be awarded with a large attractive banner to hang in the lobby of the school, as pictured on the front cover of this flyer. The initial year that the school earns the award will appear on the banner. Each additional year the school earns their award, a new set of dates will be sent to the school to be added to the banner.

Lynnhaven River NOW will work to the best of our ability to present the initial year's banner at a school event, meeting or on the school's televised announcements. Please think about this date as you fill out your Pearl School application. Advanced planning for this initial presentation helps to ensure that the students who have worked to achieve this award are able to enjoy the recognition of this achievement. Subsequent years' award materials will be mailed to the school unless other arrangements are required.

Below are project categories and explanation or resources to help you plan and execute projects in that category.

Please see the Application for the FULL listing of projects.

To learn more about our Pearl School program, please call us at 505-0773 or email Education@LRNow.org

PROJECT CATEGORIES/RESOURCES

Individual Study Projects: 2 Points Each

These are projects that students have completed either as part of a team or individually. They can be projects completed through a club/organization outside of school (4-H, scouts, etc.), in school or with their family.

Competitions students can take part in:

- Tidewater Science & Engineering Fair
<http://www.tidewatersciencecongress.org>
- Blue Crab Bowl <http://web.vims.edu/BCB/>
- Envirothon <https://www.envirothon.org/the-competition/current-competition>
- Lynnhaven Trashion Show- Feb 23, 2019 at Lynnhaven Mall
<https://www.facebook.com/trashionshow/>

Pearl Home Block Captain - To be a block captain, a student must sign up at least 6 of their neighbors/friends to be Pearl Homes. They will receive a certificate and have their name listed in our State of the River Annual Report. Contact us at Education@LRNow.org for more information and to sign up.

Group I Projects: 5 Points Each

Group I projects give schools credit for one-time interactions or basic environmental projects, such as school-dictated recycling efforts. Group I Projects have no limit, with exception of individual attendance of workshops or lectures.

- **Storm Drain Marking Program:** This program is run through the Virginia Beach Department of Stormwater Management. Students go out and find the storm drains in a neighborhood or around the school. If they are not marked, they mark them with metal discs (all supplies are provided free of charge). If they are already marked, then the GPS coordinates are recorded and sent to the city for inclusion on the GIS map. For more Information, contact Education@LRNow.org
- **Bucket Program:** There are two LRNow Bucket Programs: **Diamondback Terrapins** for lower grades and **Shoreline Investigation** for upper grades/Earth Science. Teachers attend a training and then can check out a bucket filled with hands-on, SOL-based science inquiries that can be done on the property around the Brock Center. No cost for this program, except transportation to the Brock Center.
- **Rain Barrels:** You can purchase rain barrels through LRNow. The Farmer's Market has rain barrel workshops where you can make a rain barrel to take home. www.vbmg.org/register-for-events.html

Group II Projects: 10 Points Each

Group II Projects give schools credit for grade level or school-wide interactions and recurring environmental projects, such as regularly-scheduled schoolyard trash clean-ups and recycling efforts.

- Recycling Projects outside of curbside recycling:
<http://www.terracycle.com/en-US/brigades.html>
<http://www.wholefoodsmarket.com/blog/whole-story/gimme-5-recycling>
<http://about.hm.com/en/About/sustainability/commitments/reduce-waste/garment-collecting.html>
<http://www.earth911.com/recycling-center-search-guides/>
- Participate in Green Apple Day of Service. Information at <http://www.mygreenapple.org/>
- Receive the Green Ribbon School Award or Virginia Naturally Award
- Compete the Environmental Literacy Challenge or Systemic Sustainability (Self-Assessment and Application). Information at:
- http://www.doe.virginia.gov/instruction/environmental_literacy/index.shtml

Citizen Science Projects:

- <https://scistarter.com/citizenscience.html>
- <https://www.nationalgeographic.org/idea/citizen-science-projects/>

Group III Projects: 20 Points Each

Group III projects give schools credit for school or community-wide programs and projects that have a sustaining impact on the school population and beyond.

- Adopt a roadway or waterway through the City of Virginia Beach's Adopt-a-Space Program.
www.vbgov.com/government/departments/parks-recreation/parks-trails/caring-for-our-parks/Pages/adopt-a-programs.aspx
- Oyster Gardening - contact: Oyster Reef Keepers laurie@oysterreefkeepers.org
- LRNow SOS (Save Oyster Shell) Program -
<http://www.lynnhavenrivernow.org/saving-oyster-shells>

Surfrider Foundation – www.vb.surfrider.org

This organization does a program dealing with marine debris and its effects on the environment. The students then create reusable bags. They have program to help fund and plant Ocean Friendly Gardens.

LRNow Growing Wetlands in the Classroom: This program, funded by Dollar Tree, gives teachers Grow-Labs, plants, soil and pots. They grow out the plants in the classroom and then plant them either on designated restoration sites or on the school property. For more info and to sign up contact us at 505-0773 or email Education@LRNow.org

Award Eligibility for 2018-2019 School Year-

Applications are due by **5 pm on Friday, March 15, 2019.**

All projects completed between March 1, 2018 - Feb 28, 2019 are eligible for the 2018-2019 Pearl School Award Application.

Applications are done on Google Forms and can be scanned, emailed, mailed, or hand delivered to the address below.

Applications must be complete and received by the deadline for consideration.

Email: Education@LRNow.org

Direct Phone: (757) 505-0773

Mailing Address: Pearl School Programs 3663 Marlin Bay Dr. VA Beach, VA 23455

Any problems with the submission, please contact us right away. Schools will be notified when their application is received. Do not assume your application has been received if you have not received an acknowledgement from us.

Always keep a detailed copy of your application.