Learning Barge
(Grades K-12): Come aboard "America's greenest vessel" the Dominion Energy Learning Barge powered by wind and sun and with live wetlands while docked at Grandy Village in Norfolk. The barge is a unique living laboratory for students to learn about river science, resilience, the river's ecosystem, stewardship and restoration efforts. Contact Summer Mace, smace@elizabethriver.org

Barge on Wheels
(Grades K-12): Schedule the Barge on Wheels to come to your school. Students rotate through outdoor learning stations and have close encounters with aquatic animals, test water quality, learn about renewable energy and the value of wetlands! Educators set-up an outdoor classroom and utilize the outside of van as a teaching tool. To schedule a 60-minute barge program contact Summer Mace, smace@elizabethriver.org.

Resilient River Star Schools
(Grades K-12): Students conduct an action project with measurable results in their school/community addressing issues such as flooding, reducing their carbon footprint, and water quality. Students share their project around Earth Day at the annual Expo for judging, awards and celebration. Groups of any size may participate. Contact Janet Ehmer, jehmer@elizabethriver.org

Youth Water Quality Monitoring
(Grades K-12): Students choose an Elizabeth River location near them to test water quality weekly for 8 weeks. Each student receives monitoring kit, instructions and staff support. Tests include temperature, pH, DO, bacteria, nitrates and turbidity. Contact Katie Petersen, kpetersen@elizabethriver.org

Teacher Training
Self paced lessons and resources offer an engaging way to teach about the Elizabeth River. Choose from Resilient School Projects, Not So Merry Mummichog and Project Blue Crab. Then join us for a 2 hour park MWEE exploration & introduction of student field investigations. Includes personal teacher stipend. To begin, contact Janet Ehmer, jehmer@elizabethriver.org

Support our education programs by becoming a member today. Learn more visit www.elizabethriver.org
Paradise Creek Nature Park

Nature Explorers
(Grades PreK-2) Youth ages 4-8 become Nature Explorers while discovering the park’s forest, wetlands and natural habitats. Students are guided through 3 learning stations including games, nature crafts and social tasks such as planting, foraging, id. Nature Explorers offers opportunities to achieve and develop confidence through the natural environment. Perfect for homeschoolers and remote learners. Contact Sarah McBride, smcbride@elizabethriver.org

Resilience at a Nature Park
(Grades 3-12) Student groups participate in the Resilience at a Nature Park program and rotate through 4 outdoor stations centered on the forest and wetlands. Activities include, planting, testing water quality, and nature identification using scientific tools and guides. To schedule 90-min program contact Sarah McBride, smcbride@elizabethriver.org

Youth Conservation Interns
(Portsmouth High Schoolers) During the summer, up to 8 interns learn horticulture and landscaping skills. Over the 8-week period (180 hours), interns also earn stipends and certifications. Park staff will train students in conservation horticulture skills at Paradise Creek Nature Park. Contact Larry LaPell, llapell@elizabethriver.org

Our Programs
All programs reflect the VA SOLs and the Elizabeth River Project’s commitment to diversity, equity and inclusion. Students learn actions to help protect and conserve their home river. Please contact us for current program pricing, scholarships may be available.

Thank You to our generous donors!
Hampton Roads Community Foundation, Funds from the sale of Chesapeake Bay License Plates, Bank of America, Cox Foundation, Elizabeth River Crossings, Dollar Tree Foundation, Dominion Energy, Virginia Pilot Association, National Endowment for the Arts, Blue Future—West Marine and the Luck Foundation.
| **Park ~ Preschool ~ 2nd Grade** | **4-Week Nature Explorers** | $15 per session. Price includes take home supplies. Financial Assistance may be available for students.  
- 10:11:30am  
- Contact Sarah McBride, smcbride@elizabethriver.org |
| --- | --- | --- |
| **Preschool ~ High School** | **Park Resilience Field Trip** | Sliding Scale: $10-$15 per student  
Financial Assistance may be available for students.  
- 10-11:30am  
- Contact Sarah McBride, smcbride@elizabethriver.org |
| **Barge ~ Elementary, Middle & High** | **Dominion Energy Barge** | Sliding Scale: $15-$20 per student  
Financial Assistance may be available for students.  
October - December 2022; April - June 2023  
- 9:30-11am  
- 11:30-1pm  
- Contact Summer Mace, smace@elizabethriver.org  
757-418-1042; Choose 1 day and time. |
|  | **Barge on Wheels** | $275 for a 1 hour program, $150 for each additional program  
Financial Assistance may be available for students.  
October - December 2022  
- 10-11am  
- 1-2pm  
- Contact Summer Mace, smace@elizabethriver.org  
757-418-1042. Choose 1 day and time. FLEXIBLE |
| **Elementary, Middle & High** | **8-Week Citizen River Water Monitoring Program** | No charge. Donations appreciated. elizabethriver.org Must have river nearby. Supplies provided but are limited.  
- Contact Katie Petersen, kpetersen@elizabethriver.org |
|  | **Resilient River Star School Projects** | No charge. Let us know you are going to participate and implement a project. Start early!  
- Contact Sarah McBride, smcbride@elizabethriver.org  
Janet Goldbach Ehmer, jehmer@elizabethriver.org  
You earn a stipend!  
- Contact Ms. Priscilla Bryant pbryant@vcwhamptonroads.org with HR Workforce. |
|  | **Youth Conservation Intern** |  
Portsmouth High Schools |
| **Self-Paced Teacher Prof. Dev.** | **Resilient School Projects** | No charge.  
- Contact Janet Ehmer jehmer@elizabethriver.org about online self-paced programs and possible supplies and funding. |
|  | **Project Blue Crab** |  |
|  | **Not So Merry Mummichog** |  |
The Elizabeth River Project’s Curriculum addresses Virginia Standards of Learning in science, language arts, math, history and art. We will work with teachers to ensure the activities reflect their curriculum and desired topics. The Elizabeth River Project’s programs complement the Our World, Our Responsibility environmental literacy goal of the Virginia Department of Education. Our programs support high school students earning the Seal for Excellence in Science and the Environment. The Elizabeth River Project helps to enable students in the region to graduate with the knowledge and skills to act responsibly and protect and restore their local watershed. Students explore, analyze, map, gather data, graph, identify, predict and compare results as part of the Elizabeth River Project’s programs.

**VIRGINIA STANDARDS OF LEARNING**

**SCIENCE:**
- **K:** 1, 4, 5, 6, 8, 9, 10
- **1:** 1, 2, 3, 4, 5, 6, 7, 8
- **2:** 1, 4, 5, 6, 7, 8
- **3:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
- **4:** 1, 3, 4, 5, 6, 7, 8
- **5:** 1, 4, 5, 6, 7
- **6:** 1, 2, 3, 4, 5, 6, 7, 8, 9
- **LS:** 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14
- **PS:** 1, 2, 5, 6, 10, 11
- **ES:** 1, 2, 3, 7, 11, 13
- **Biology:** 1, 5, 8, 9

**MATH:**
- **K:** 6, 8, 10, 13
- **1:** 2, 5, 14
- **2:** 1, 3, 5, 6, 14
- **3:** 1, 3, 4, 13
- **4:** 1, 4, 6, 7, 8, 13
- **5:** 1, 2, 4, 5
- **6:** 2, 6
- **7:** 3, 8

**HISTORY:**
- **K:** 2, 3, 4, 5, 8, 9
- **1:** 1, 4, 5, 7, 8, 10, 11, 12
- **2:** 3, 5, 6, 7, 10
- **3:** 2, 4, 6, 7, 8
- **VA:** 1, 2
- **Geography:** 1

**LANGUAGE**

**ARTS:**
- **K:** 1, 2, 3, 4, 6, 10
- **1:** 1, 2, 3, 4, 9, 11, 12
- **2:** 1, 2, 3, 6, 7, 8, 9, 11
- **3:** 1, 2, 5, 6
- **4:** 1, 2, 3
- **5:** 1, 2
- **6:** 1, 7
- **8:** 7

**ART:**
- **K:** 2, 3, 5, 8, 10, 11, 12, 13, 14, 15, 18
- **1:** 2, 3, 4, 5, 8, 9, 12, 15, 16, 18, 19, 20
- **2:** 4, 5, 6, 9, 10, 13, 14, 18
- **3:** 2, 4, 5, 10, 14, 16, 17, 23, 24, 26, 27, 28
- **4:** 2, 3, 5, 6, 8, 10, 13, 20, 23, 24
- **5:** 1, 2, 3, 4, 9, 10, 16, 25, 29
- **6:** 2, 6, 15, 17, 18, 21
- **7:** 3, 4, 9, 10, 24, 27
- **8:** 5, 6, 13, 14, 16, 20