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
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, identify, predict, and compare results as part of the Elizabeth River Project's programs. *Our Elizabeth River, Our Responsibility* program includes hands on junior science water quality testing, interacting with river critters, native species identification, and learning about green energy. Students learn resilience stewardship actions and the importance of native species in our Elizabeth River Watershed.

**Program Costs:** The Sliding Scale format is designed to allow your school to choose a price per student that best works with your budget. You choose your desired cost per student within the price range given. Financial assistance may also be available.

### 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, 11
- **4:** 1, 3, 4, 5, 6, 7, 8
- **5:** 1, 4, 5, 6, 7
- **6:** 1, 2, 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:** 3

#### 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:** 1
- **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, 22
- **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
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, building and foraging. 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.**

These programs are made possible by the Elizabeth River Project and these generous donors: Bank of America, Cox Foundation, Dollar Tree Foundation, Dominion Energy, Elizabeth River Crossings, Funds from the sale of Chesapeake Bay License Plates, Hampton Roads Community Foundation, National Endowment for the Arts, The Luck Foundation, Virginia Pilot Association, and West Marine - Blue Futures.
### Park ~ Preschool ~ 2nd Grade

**4-Week Nature Explorers**  
**BOOKING NOW for Spring 2023**  
May 2, May 9, June 6, & June 13

- **$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**  
**BOOKING NOW for Spring 2023**

- 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

**Learning Barge**  
**BOOKING NOW for Spring 2023**

- Sliding Scale: $15-$20 per student  
  Financial Assistance may be available for students.  
  - 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**  
**BOOKING NOW for Spring 2023**

- $275 for a 1-hour program, $150 for each additional program  
  Financial Assistance may be available for students.  
  - April - June 2023  
    - 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**  
**BOOKING NOW for 2023**

**Resilient River Star School Projects**  
Staff on call to help you begin your project today.

**Youth Conservation Internship**  
Portsmouth High Schools

- No charge. Donations appreciated. elizabethriver.org  
  Must have river nearby. Supplies provided but are limited.  
  - Contact Katie Petersen, kpeterson@elizabethriver.org

**Summer Program.**  
Earn certificate & a stipend.  
Contact Priscilla Bryant, pbryant@vcwhamptonroads.org

---

### Self-Paced Teacher Training

- Training Modules Include:  
  - Resilient School Projects  
  - Project Blue Crab  
  - Not So Merry Mummichog

- No charge. Online self-paced programs with funding for supplies. Personal stipend available to participants.  
  - Contact Janet Ehmer, jehmer@elizabethriver.org