



Broward County Parks and Recreation
STEAM/Environmental Education Programs 2025

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Anne Kolb Nature Center

751 Sheridan St., Hollywood, FL 33019

Office: 954-357-5161; Site Naturalists: 954-357-5174 * 954-357-5172 WestLakePark@Broward.org

Fees for Anne Kolb programs: Fee range-\$3.00-\$14.00 per student

Custom programming and participant numbers to meet your group's needs can be discussed with the site naturalist.

Mangrove Masterpiece (Grades K-5)

The plants and animals of the mangrove estuary will be explored in this three-part program. A guided tour of the nature center's exhibit hall uses video, static and interactive displays, aquaria, and hands-on demonstrations to introduce students to the mangrove ecosystem. Grade-specific concepts and objectives will be highlighted during your choice of three naturalist-led trail tours. May be available, an indoor "Exploring Nature Program" focusing on Sea Turtles and/or Manatees completes the two to three-hour program. Call for details. Two to three hours. For 10 to 84 participants (youths and adults). **\$4 + \$3 + \$4 = \$11**

Exhibit Hall + Hike + Exploring Nature

Specialized versions of Mangrove Masterpiece:

- A. Masterful Mangroves (Grades K-5) – Focus on the importance of mangrove trees to wildlife and people.**
- B. Shells & Claws (Grades K-5) – Investigate the many mollusks and crustaceans thriving in our mangrove habitat.**
- C. Mangrove Café (Fourth and Fifth Grades) – Explore species diversity, energy flow, and the connectedness among living things observed in the mangrove ecosystem.**

Florida Standards

Science:

Grade K: SC.K.L.14.3, SC.K.P.12.1, SC.K.N.1.5

Grade 1: SC.1.E.6.1, SC.1.E.6.2, SC.1.E.6.3, SC.1.L.14.1, SC.1.L.14.2, SC.1.L.14.3, SC.1.L.16.1, SC.1.L.17.1, SC.1.N.1.1, SC.1.N.1.2, SC.1.N.1.4

Grade 2: SC.2.E.6.2, SC.2.E.7.1, SC.2.E.7.4, SC.2.E.7.5, SC.2.L.16.1, SC.2.L.17.1, SC.2.L.17.2, SC.2.N.1.1, SC.2.N.1.3, SC.2.N.1.5, SC.2.N.1.6

Grade 3: SC.3.L.14.1, SC.3.L.14.2, SC.3.L.15.1, SC.3.L.15.2, SC.3.L.17.1, SC.3.L.17.2, SC.3.N.1.1, SC.3.N.1.4, SC.3.N.1.6

Grade 4: SC.4.E.6.3, SC.4.E.6.4, SC.4.E.6.5, SC.4.E.6.6, SC.4.L.16.1, SC.4.L.16.2, SC.4.L.16.3, SC.4.L.16.4, SC.4.L.17.1, SC.4.L.17.2, SC.4.L.17.3, SC.4.L.17.4, SC.4.N.1.7, SC.4.N.2.1, SC.4.P.10.4

Grade 5: SC.5.E.7.2, SC.5.L.14.2, SC.5.L.15.1, SC.5.L.17.1, SC.5.N.1.3, SC.5.N.2.1, SC.5.10.1, SC.5.P.10.2

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Mangrove Encounter (Grades 6-12)

West Lake Park preserves a coastal mangrove estuary of more than 1,500 acres. This field trip provides students with an opportunity to experience the physical conditions and biological resources of this ecosystem. Shifting tides and fluctuating salinity create a variable environment. Nutrient-rich water and protection from wave action and predators create a haven for wildlife. A guided exhibit hall tour, an indoor “Exploring Nature Program” focusing on Sea Turtles and /or Manatees and a staff naturalist-led trail tour are components of this program. Call for details. Three hours. For 10 to 84 participants (youths and adults). **\$4 + \$4 + \$3 = \$11**

Exhibit Hall + Exploring Nature + Hike

Florida Standards

Science:

Grade 6: SC.6.E.6.1, SC.6.E.6.2, SC.6.E.6.2, SC.6.E.7.3, SC.6.E.7.7, SC.6.L.15.1

Grade 7: SC.7. E. 6.6, SC.7. L. 15.2, SC.7. L. 15.3, SC.7. L. 17.1, SC.7. L. 17.2, SC.7. L. 17.3

Grade 8: SC.8. E. 5.9, SC.8. L. 18.1, SC.8. L. 18.2, SC.8. L. 18.4, SC.8. N. 4.1, SC.8. N. 4.2

Grades 9-12: SC.912. L. 17.2, SC.912. L. 17.3, SC.912. L. 17.4, SC.912. L. 17.6, SC.912. L. 17.7, SC.912. L. 17.8, SC.912. L. 17.9, SC.912. L. 17.11, SC.912. E. 7.8

Plankton-a-Plenty (Grades K-12)

Discover some of West Lake’s smallest flora and fauna: marine plankton, microscopic organisms crucial to the estuary and ocean food chains. Collect plankton on a trail hike, learn about planktivores (plankton eaters), and marvel at strange creatures under the microscope. Call for details. Two hours. For 10 to 28 participants (youths and adults). **\$5 + \$4 = \$9**

Specialty Plankton Nets + Exhibit Hall

Florida Standards

Science:

Grade K: SC.K.L.14.3, SC.K.P.12.1, SC.K.N.1.5

Grade 1: SC.1.E.6.1, SC.1.E.6.2, SC.1.E.6.3, SC.1.L.14.1, SC.1.L.14.2, SC.1.L.14.3, SC.1.L.16.1, SC.1.L.17.1, SC.1.N.1.1, SC.1.N.1.2, SC.1.N.1.4

Grade 2: SC.2.E.6.2, SC.2.E.7.1, SC.2.E.7.4, SC.2.E.7.5, SC.2.L.16.1, SC.2.L.17.1, SC.2.L.17.2,

SC.2.N.1.1, SC.2.N.1.3, SC.2.N.1.5, SC.2.N.1.6

Grade 3: SC.3.L.14.1, SC.3.L.14.2, SC.3.L.15.1, SC.3.L.15.2, SC.3.L.17.1, SC.3.L.17.2, SC.3.N.1.1, SC.3.N.1.4, SC.3.N.1.6

Grade 4: SC.4.E.6.3, SC.4.E.6.4, SC.4.E.6.5, SC.4.E.6.6, SC.4.L.16.1, SC.4.L.16.2, SC.4.L.16.3, SC.4.L.16.4, SC.4.L.17.1, SC.4.L.17.2, SC.4.L.17.3, SC.4.L.17.4, SC.4.N.1.7, SC.4.N.2.1, SC.4.P.10.4

Grade 5: SC.5.E.7.2, SC.5.L.14.2, SC.5.L.15.1, SC.5.L.17.1, SC.5.N.1.3, SC.5.N.2.1, SC.5.10.1, SC.5.P.10.2

Grade 6: SC.6. E.6.1, SC.6. E.6.2, SC.6. E.6.2, SC.6. E.7.3, SC.6.E.7.7, SC.6. L.15.1

Grade 7: SC.7.E.6.6, SC.7.L.15.2, SC.7.L.15.3, SC.7.L.17.1, SC.7.L.17.2, SC.7.L.17.3

Grade 8: SC.8.E.5.9, SC.8.L.18.1, SC.8.L.18.2, SC.8.L.18.4, SC.8.N.4.1, SC.8.N.4.2

Grades 9-12: SC.912.L.17.2, SC.912.L.17.3, SC.912.L.17.4, SC.912.L.17.6, SC.912.L.17.7, SC.912.L.17.8, SC.912.L.17.9, SC.912.L.17.11, SC.912.E.7.8



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Tidal Field Study (Grades 4 -12)

Tides are the rhythm of life in a mangrove estuary. This program includes a guided exhibit hall tour, guided nature tour as well as a participatory field study. Students will be involved in seining and collecting plankton. Be prepared for an exciting outdoor experience in wet, muddy conditions. View collected samples under microscopes. Call for details. Four hours. For 10 to 35 participants. **\$5 + \$5 + \$4 = \$14**

Plankton Hike + Specialty Seine + Exhibit Hall

Note: Schedule is dependent on the tides, limiting available dates for this program.

Florida Standards

Science:

Grade 4: SC.4.E.6.3, SC.4.E.6.4, SC.4.E.6.5, SC.4.E.6.6, SC.4.L.16.1, SC.4.L.16.2, SC.4.L.16.3, SC.4.L.16.4, SC.4.L.17.1, SC.4.L.17.2, SC.4.L.17.3, SC.4.L.17.4, SC.4.N.1.7, SC.4.N.2.1, SC.4.P.10.4

Grade 5: SC.5.E.7.2, SC.5.L.14.2, SC.5.L.15.1, SC.5.L.17.1, SC.5.N.1.3, SC.5.N.2.1, SC.5.10.1, SC.5.P.10.2

Grade 6: SC.6.E.6.1, SC.6.E.6.2, SC.6.E.6.2, SC.6.E.7.3, SC.6.E.7.7, SC.6.L.15.1

Grade 7: SC.7.E.6.6, SC.7.L.15.2, SC.7.L.15.3, SC.7.L.17.1, SC.7.L.17.2, SC.7.L.17.3

Grade 8: SC.8.E.5.9, SC.8.L.18.1, SC.8.L.18.2, SC.8.L.18.4, SC.8.N.4.1, SC.8.N.4.2

Grades 9-12: SC.912.L.17.2, SC.912.L.17.3, SC.912.L.17.4, SC.912.L.17.6, SC.912.L.17.7, SC.912.L.17.8, SC.912.L.17.9, SC.912.L.17.11, SC.912.E.7.8