



SCHOOL TOUR OFFERINGS

Selby Gardens' Guided School Tours consist of a docent-led General Gardens tour along with one of the following hands-on field studies options. We offer these specialized programs to aid teachers' curricular goals and are happy to tailor any of the programs in support of unique student needs and interests. Please note: Scheduling of guided tours is dependent on volunteer docent availability.

(All guided tours are \$10 per student, unless otherwise indicated. Self-guided tours are \$7 per student.)

FOCUS TOPIC	DESCRIPTION	GRADE
Butterfly & Caterpillar Exploration	Inspired by Eric Carle's story of the <i>Very Hungry Caterpillar</i> , students will through the story, the metamorphosis of the butterfly. After reviewing the story, children are led in the "dance of the butterfly" on the grassy mansion lawn adjacent to the butterfly garden. Using a kaleidoscope lens to simulate butterflies' vision, students investigate caterpillar and butterfly host plants. Learning that caterpillars eat and butterflies drink from certain plants demonstrates the balance required both when designing a butterfly garden and supporting butterfly life cycles.	K-1st
Look at those Leaves!	In this interactive hands-on study, students will observe both the intricacy and diversity of leaves found amidst Selby's unique plant community. Using specialized flat crayons to create leaf rubbings, students will discover the unique vein structure and texture of different plants. Next, hand lenses will be used to magnify exterior features of the leaves. Inquiry-driven discussions throughout the lab include: the function of leaf veins, simple vs. compound leaf structure, vascular vs. nonvascular plants, the purpose of varying leaf shapes, i.e. the bo tree's drip tip.	2nd-3rd
Fantastic Florida: Native Plant Discovery	Florida is home to unique and intricate ecosystems, including the mangrove forests and estuaries which line much of our coastlines. In this field study, students will identify several of the plants such as mangroves, sea grapes, sea grasses and other coastal plants living along our coast and learn benefits of estuaries and adjoining mangrove forests. A mangrove leaf sorting activity will help students identify the three types of mangroves native to Florida. Aug.-Sept. 2017, students can experience the annual juried photo contest featuring local photography on display in Selby's Museum of Botany & the Arts. You can complement your Florida Natives tour with an add-on teaching presentation from local conservation & rescue organization Save Our Seabirds. This 45 minute program provides students with an up-close experience Floridian owls and local seabirds. <i>(additional \$200 fee will apply)</i> :	4th-5th
Bromeliad Tank Investigation	Using turkey basters, sieves, measuring cups and hand lenses, students will work in pairs extracting water and microbes from bromeliad tanks. As students transfer the water into a transparent collection cup or sieve, they reveal a world of biodiversity living within the bromeliad. Using both Magiscopes and a hand lenses to magnify the microbes 20x-40x, young scientists will discover a number of micro-organisms that make their home within the tanks of bromeliads. Saving a bromeliad today may save a frog tomorrow!	5th-8th

Break it Down: Selby Soil Analysis	<p>By scooping distinct types of soil into two buckets, students will examine what comprises soil as well as the types of plants that grow in either type. Guides will demonstrate coastal soil vs. one with more humus/other organic matter. Students sort and compare various soil samples and record their findings. Sample soil components include both organic matter (leaf and plant debris, animal waste, insect remains, and humus) and inorganic materials (rock, sand, and silt).</p>	6th-8th
Numbers in Nature	<p>Fibonacci numbers and the expression of math in nature take center stage in this unique field study which encourages students to investigate patterns within petals and leaves through completion of a garden-inspired Fibonacci scavenger hunt.</p>	HS
Tropical Rainforest Masks	<p>Don't miss bringing your class to see our gallery of hand-carved and painted Rainforest masks on display in Selby's Museum of Botany & the Arts. These original works depict the vibrant and authentic Borucan culture of the central Costa Rican rainforest and provide a breathtaking glimpse into the flora and fauna of the rainforest. After viewing and sketching uniquely inspiring elements of these masks, students will have the opportunity to apply their experience viewing the exhibit by and creating their own rainforest masks, drawing from either the tropical rainforest or from our natural environment here in Southwest Florida. <i>(January 8-30, 2017)</i></p>	K-12
Selby's Secret Garden	<p>A selection of objects from Selby's preserved and bibliographic collections will be on display in the Museum of Botany & the Arts for visitors to enjoy. Typically housed in Selby's research library, herbarium and spirit labs, these seldom seen treasures will delight Gardens guests while exposing them to rarely glimpsed botanical tools; in some cases used by scientists for 500 years. A selection of high quality centuries old botanical prints and volumes will be artistically presented alongside complimentary pressed and preserved plant specimens. Selby's Secret Garden will showcase botanical tools of the trade; both old and new. <i>(August 26-December 31, 2016)</i></p>	K-12
Marc Chagall: The Color of Dreams	<p>Marc Chagall's Cote d'Azur: The Artist's Botanical Imagery and Inspiration Found on the French Riviera will be a six-month long exhibition that will incorporate key works created by Chagall in France that feature botanical imagery inspired by his time in the south of France. At the centerpiece of the exhibit will be "The Lovers," an oil painting Chagall created in 1937 that will be on loan from the collection of The Israel Museum, Jerusalem, a world-leading art and archaeology museum. <i>(February 12 - July 30, 2017)</i></p>	K-12
EOD "Make A Day of It"	<p><i>(Seasonal Availability)</i> This special tour is Selby's unique self-guided school group offering designed to complement your students' visit to the Embracing Our Differences Exhibit held at Sarasota's Bayfront Park each spring. Take advantage of Selby's proximity with a short stroll along the shore and extend your field trip to include a chaperone-guided "plant hunt" exploring the biological uniqueness in the greater realm of ecological biodiversity as your students investigate Selby's world-class collection of tropical plants. <i>For Title One schools, admission to the Gardens prior to, or after a visit to Embracing Our Differences is provided free of charge by the Patricia Rederer Memorial Fund.</i></p>	K-8