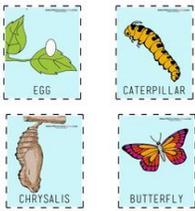
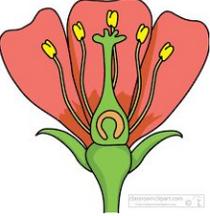
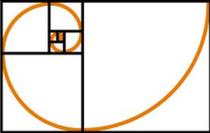


## GUIDED SCHOOL TOUR OFFERINGS

Selby Gardens' Guided School Tours consist of a docent-led general Gardens tour along with one of the following hands-on field study 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, or for different grade levels than those listed. Self-guided tours do not include a formal program. ***Please note: Because our Guided School Tour program relies on a cadre of trained volunteers, we are unable to guarantee Guide availability for every date and time requested - please book as far in advance as possible.***

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

FOCUS TOPIC	DESCRIPTION	GRADE
	<p><b>Butterfly &amp; Caterpillar Exploration</b></p> <p>Inspired by Eric Carle's story of the <i>Very Hungry Caterpillar</i>, 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.</p>	K-3
	<p><b>Look at Those Leaves!</b></p> <p>In this interactive hands-on study, students will observe both the intricacy and diversity of leaves found amongst Selby's unique plant community. Using the senses of sight, touch, and smell students will explore and describe the exterior features of the leaves, and create a colorful nature craft featuring their special leaf. Inquiry-driven discussions throughout the lab include: the function of leaf veins, simple vs. compound leaf structure, vascular vs. nonvascular plants, and the purpose of varying leaf shapes.</p>	K-3
	<p><b>Fantastic Florida: Native Plant Discovery</b></p> <p>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 plants such as mangroves, sea grapes, sea grasses and other Florida natives living along our coast and learn the benefits of estuaries and adjoining mangrove forests. Leaf sorting and bark rubbing activities will help students identify the three types of mangroves native to Florida.</p>	3-5

	<p><b>Bromeliad Surprise!</b></p> <p>Using simple tools, students will work in pairs extracting water and microbes from bromeliad tanks. As students transfer the water into a transparent collection cup, they reveal a world of biodiversity living within the bromeliad. Using both Magiscopes and 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!</p>	<p>2- 12</p>
	<p><b>Perfectly Positioned Petals: Flower Dissection</b></p> <p>Who doesn't like to take things apart to see how they work? In this engaging hands-on lab, students will participate in a flower dissection activity to discover its anatomy and learn how each part functions and contributes to its reproduction, and gain a greater understanding of the process and importance of pollination.</p>	<p>4-8</p>
	<p><b>NEW! Where Land Meets Sea: Mangrove and Estuary Exploration</b></p> <p>Created especially for 7th Grade Life Science students, to extend their field trip on the Carefree Learner. This field study specifically focusing on estuaries and mangroves will broaden students' understanding of the coastal wetlands of SW Florida and our societal interconnectedness with these precious ecosystems. Students will discover the unique traits that allow mangroves to survive and thrive in a coastal environment, and explore how they contribute to coastal ecosystems and even human wellbeing. The tour concludes at our dock on Hudson Bayou, where students will board the Carefree Learner. For student groups not booked on the Carefree Learner, please see our similar "Fantastic Florida" exploration.</p>	<p>7th Grade</p>
	<p><b>Botany By the Bay</b></p> <p>Populations. Relationships. Classification. Adaptations. Plant Communities. Botany by the Bay is a hands-on outdoor lab at Selby Gardens which investigates the following topics: identifying relationships between organisms, plant classification, populations and communities, and survival adaptations. (Optional Extension: "What Makes Soil 'Good'?" A mathematically-driven lab where student computation and graphing of data on a ternary diagram allows students to visualize how soil is determined to be suitable for supporting plant growth.)</p>	<p>6-12</p>
	<p><b>Numbers in Nature</b></p> <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, leaves and more through completion of a garden-inspired scavenger hunt.</p>	<p>4- 12</p>

	<p><b>The Orchid Show: Endless Forms</b> Celebrate orchids in their many forms during the 2018 Orchid Show. Opening Oct. 12 and running through Nov. 26, this year's Orchid Show will amaze visitors with never-before-seen displays of orchids that celebrate the plant family's dramatic diversity of colors, shapes and even scents. <b>(October 12-November 25).</b></p>	K-12
	<p><b>Rainforest Masks of Costa Rica</b> 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 &amp; 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 create their own rainforest masks, drawing inspiration from either the tropical rainforest or from our natural environment here in Southwest Florida. <b>(January 7-28, 2019)</b> Suggested add-on program: <i>Project Rainforest</i> (see below for more detail)</p>	K-12
	<p><b>Gauguin: Voyage to Paradise</b> Explore the lush botanical world of 19th Century South Pacific that inspired Paul Gauguin's famous primitivist works. Following on Selby's stunning and record breaking art-meets-horticulture exhibitions featuring Andy Warhol and Marc Chagall, "Gauguin: Voyage to Paradise" will feature rarely-seen original woodcuts and other artwork by the artist along with exotic horticultural displays. <b>(Feb 10-June 30, 2019)</b></p>	K-12
	<p><b>Embracing Our Differences "Make A Day of It"</b> This <b>self-guided</b> school group offering is a perfect complement your students' visit to the Embracing Our Differences exhibit held at Sarasota's Island Park each spring. Take advantage of Selby's proximity to the Bayfront with a short stroll along the shore and extend your field trip to include a chaperone-guided plant hunt exploring biological uniqueness and ecological biodiversity and as your students enjoy the peaceful beauty of Selby's diverse gardens. <b>(Jan-March)</b> For Title One schools, admission to the Gardens in conjunction with a visit to Embracing Our Differences is provided free of charge by the Patricia Rederer Memorial Fund.</p>	K-8

## ADD-ON PRESENTATIONS

**We offer these specialized programs to complement both guided and self-guided visits to Selby Gardens. An additional fee of \$200.00 applies to add-on programs. Scheduling of add-on programs dependent upon artist/ presenter availability.**

<p><b>Project Rainforest</b></p>	<p>Visit a rainforest through conservationist Bruce Segal's engaging personal accounts and lively presentation combining audience participation and prop demonstrations. (45 minutes).</p>	K-12
<p><b>Save Our Seabirds</b></p>	<p>Provide your students with an up-close bird encounter through the expertise of Save Our Seabirds, a non-profit local wildlife conservation and education organization. Rainforest birds, such as macaws and cockatoos, or Floridian seabirds and birds of prey are available. (45 minutes)</p>	K-12

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