

## School & Group Programs at Duke Gardens 2023-2024

Choose from these guided programs or make a special request

Grade	Program Title	Description
All grades	Garden Discovery	Observe seasonal highlights on a guided walk that introduces students to the biodiversity of Duke Gardens. Utilize your sense of touch, smell, sound and sight as you explore the different types of plants and animals that living in this “museum of plants.” (Programs that meet standards in one or more of the NCSCOS strands in <b>Science 1. Earth Systems, Structures and Processes, 2. Ecosystems and 3. Structures and Functions of Living Organisms</b> )
All grades	Math in the Garden	Measure, multiply and map your way through the garden. Learn about the different kinds of math our garden staff use to create and maintain our beautiful garden, and solve your own garden math problems. Program content is adjusted to match appropriate grade-level standards. (Program that meets standards in the NCSCOS strand in <b>Math 1) Operations &amp; Algebraic Thinking 2) Geometry 3) Measurement &amp; data 4) Counting and Cardinality</b> )
PreK, K	Sproutlings in the Garden	See the flowers, hear the birds, smell the herbs, touch the leaves. We will share with students the joys of nature, and lead them on a path of exploration and understanding of the plants and animals in the garden using direct sensory experiences. (Programs that meet standards in one or more of the NCSCOS strands in <b>Science 1. Earth Systems, Structures and Processes, 2. Ecosystems and 3. Structures and Functions of Living Organisms</b> )
K-1st	Wonder Walks	Look up. Look down. Look all around. We encourage exploration, appreciation, and understanding of plants, animals, nature, and the environment, while nurturing a sense of wonder. (Programs that meet standards in one or more of the NCSCOS strands in <b>Science 1. Earth Systems, Structures and Processes, 2. Ecosystems and 3. Structures and Functions of Living Organisms</b> )
2nd & 3rd	Incredible Invertebrates: Insects & Spiders & Worms	Explore the world of insects, spiders, and worms, fostering an understanding of their diversity, ecological roles, and promoting a sense of appreciation and respect for these invertebrates and their habitats. (Programs that meet standards in one or more of the NCSCOS strands in <b>Science 1. Earth Systems, Structures and Processes, 2. Ecosystems and 3. Structures and Functions of Living Organisms</b> )
2nd – 5th	Double Exposure	Foster an appreciation for the interconnectedness of art and science, promoting creativity, critical thinking, and interdisciplinary exploration.
3 <sup>rd</sup> – 5 <sup>th</sup>	The Secret Life of Plants	What do desert succulents, tropical water lilies and our state trees have in common? Learn about the different parts of plants and how they work to help plants thrive in our “museum of plants.” Explore the significance of plants, trees, and soils in the ecosystem. (Programs that meet standards in one or more of the NCSCOS strands in <b>Science 1. Earth Systems, Structures and Processes, 2. Ecosystems and 3. Structures and Functions of Living Organisms</b> )
3 <sup>rd</sup> – 5 <sup>th</sup>	Habitat Explorers	What do plants and animals need to survive? Go on a search for animal homes in the gardens and learn how diverse living things get what they need. Explore habitats, adaptations, and food webs, fostering an understanding of the interdependence of organisms and ecosystems, and promoting an appreciation for biodiversity and environmental conservation. (Programs that meet standards in one or more of the NCSCOS strands in <b>Science 1. Earth Systems, Structures and Processes, 2. Ecosystems and 3. Structures and Functions of Living Organisms</b> )
3 <sup>rd</sup> & up:	Haiku Trail	Develop literacy skills and practice creative expression on a walk through the gardens. Learn about haiku structure and the poet Basho, then collect words that describe your sensory observations to assemble your own haiku. (Program that meets standards in the NCSCOS strand <b>Writing Standards</b> )

5 <sup>th</sup> – 8 <sup>th</sup>	Water, Water Everywhere	Follow the flow of water through Duke Gardens to explore pond life, understand the significance of ponds as habitats, and promote awareness of water management, conservation, and pollution prevention, fostering a sense of responsibility for the well-being of aquatic ecosystems (Programs that meet standards in one or more of the NCSCOS strands in <b>Science 1. Earth Systems, Structures and Processes, 2. Ecosystems and 3. Structures and Functions of Living Organisms</b> )
5 <sup>th</sup> – 8 <sup>th</sup>	Living on the Land	An introduction to some of the ways humans have been in relationship with the land for centuries. Learn more, not only about the development of modern sustainable agriculture, but other ways the land supports human health and livelihood, such as gathering, subsistence practices, and regenerative farming. (Program that meets standards in the NCSCOS strand <b>Geography and Environmental Literacy</b> )

Important information for guided trips:

**Accessibility:** Duke Gardens works to ensure all students are able to participate fully on all field trips. Please let us know if you have students coming on your field trip who could benefit from modifications or adaptations to the program instruction or navigation in the Gardens to meet their IEP or other needs (e.g. language barriers, instructor for behavioral or social needs, additional visuals, tactile tools, additional instructors, etc.).

Please do not disclose personal student information, but let us know if there are tips, tricks, tools or changes we should consider for our program to support learning for all your students.

**Chaperones:** Adult chaperones are required for all youth groups. We recommend a ratio of 1 chaperone per 15 students, but we cap the number of chaperones at a ratio of 1 chaperone for every 5 students. We cannot accommodate siblings that are not program participants.

**Weather:** We do take groups out in the rain unless there is threatening weather that includes lightning. In that case, we will reschedule.

**Emergency Preparedness:** Remember to bring any medications students might need for bee stings and bug bites, asthma attacks, etc.

**Cancellation Policy:** You may cancel your enrollment and receive a refund of your fee up to a week before the date of your program. Any program canceled by Duke Gardens will result in a complete refund. To request a guided school program, please complete our online request form.

To request a guided school program, please complete our online request form at [gardens.duke.edu/request-form-group-programs](https://gardens.duke.edu/request-form-group-programs) or email us at [gardenseducation@duke.edu](mailto:gardenseducation@duke.edu).