Field Trips

We are excited to welcome you back for the 2021/2022 school year. PLEASE NOTE: Currently, all field trips are virtual. Staff-led virtual field trips for grades 3, 4, and 5 are available on Mondays, Tuesdays, and Thursdays. Please see below to learn more about our virtual field trip offerings. There is no cost associated with these field trips.

Thank you for thinking of the U.S. Botanic Garden as an extension of your classroom. Whether through the lens of science, art, storytelling, or curiosity, our living classrooms offer amazing opportunities for plant-based learning. There is no cost associated with our field trips or field trip resources. We look forward to your visit!

Virtual Field Trip

- Live, Instructor-Led
- Number of Students: 10-50

These immersive, interactive 45-minute virtual field trips take students behind the scenes for a close up look at our plant collection, to learn from our plant care specialists who study and care for these plants, and consider the science of how plants work. This virtual field trip is offered on Mondays, Tuesdays, and Thursdays. Time is selected by teacher at time of registration. To learn more, please review our Virtual Field Trip Technology Guide.
Grade 3 Virtual Field Trip - Plant Adaptations

45 minutes

- Students investigate the connection between the environmental challenges plants face and their adaptive traits. In their investigation, students focus on constructing explanations for why plants have certain traits given the conditions of their growing environment. Why do bog-dwelling carnivorous plants trap insects? Let's figure it out together!
- NGSS: 3-LS3-2 - Heredity: Inheritance and Variation of Traits: Use evidence to support the explanation that traits can be influenced by the environment.
- Register for this virtual field trip

Grade 4 Virtual Field Trip - Plant Form and Function

45 minutes

- Students explore plant form and function, and construct arguments for how external structures help plants survive challenges in different environments. How do the holes in the leaves of the Swiss cheese plant help it survive in the rainforest? Let's figure it out together!
- NGSS: 4-LS1-1 - From Molecules to Organisms: Structures and Processes: Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.
- Register for this virtual field trip

Grade 5 Virtual Field Trip - Plant Survival in Challenging Environments
• Students investigate how plants obtain necessary matter and energy in different challenging environments. If cactus leaves are spines, where does photosynthesis take place in most cacti? Let's figure it out together!
• NGSS: 5-LS2-1 - Ecosystems: Interactions, Energy, and Dynamics: Develop a model to describe the movement of matter among plants, animals, and environment.
• Register for this virtual field trip

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