

Rainforest Rendezvous

PROGRAM OVERVIEW



Objectives

MO Learning Standards for 3-5:

- EC.1 - Ecosystems
- EC.2 - Matter and energy flow through an ecosystem.
- ES.1 - Climate
- LO.1 - Structures and adaptations of living things.

NGSS Standards for 3-5:

- LS1.A - Structure and Function
- LS1.C - Organization for matter and energy flow.
- LS2.A - Interdependent relationships in ecosystems
- LS4.C - Adaptation
- LS4.D - Biodiversity and humans.
- ESS2.D - Weather and Climate

About the Program

Designed for students in 3rd through 5th grades, the Rainforest Rendezvous program makes a wonderful kickoff or concluding experience for any classroom discussion around biomes or ecosystems. During this class, your students will:

- **Learn what is meant by a ‘tropical rainforest’** and how this unique environment differs from what we experience locally,
- **View and identify adaptations** that Rainforest plants exhibit which allow them to survive in a rainforest,
- **Explore the Climatron®** in small groups led by one of our instructors to photograph adaptations they see in the plants growing there,
- **Discuss issues** concerning the sustainable use and preservation of rainforest resources in developing nations and the world at large.
- **Plant a cutting** to take home or to the classroom to observe as it grows.

More than Just a Field Trip...

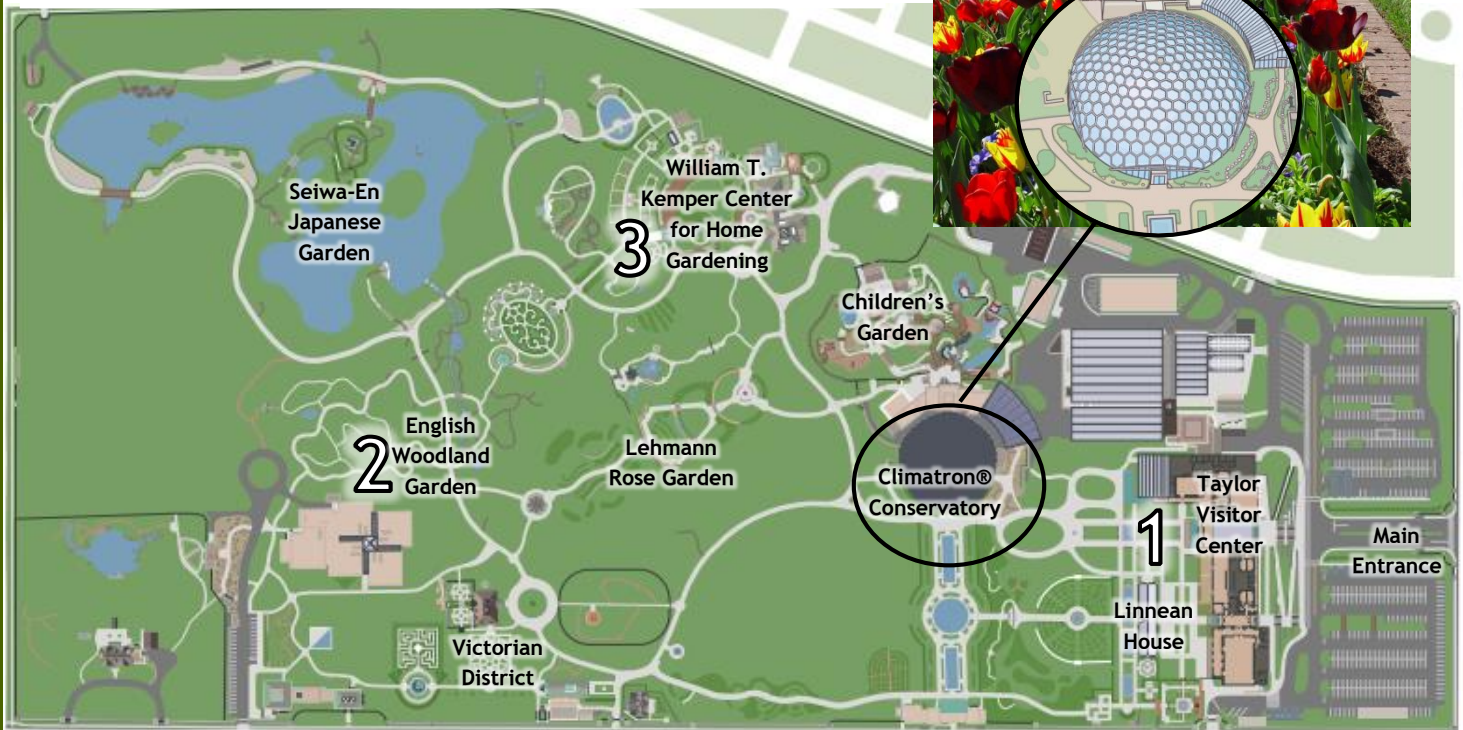
School groups participating in the Rainforest Rendezvous field trip program walk away with more than just a memorable experience in one of the most unique conservatories in the world. They visit a replicated living environment that is fundamentally different from any local habitat. Booking during the colder months can provide a brief respite for students missing the lack of biophillic experiences during winter weather doldrums.

Exploring the Ethnobotanical trail, students will see the plants which deliver a plethora of products growing in their native setting. See a Live Banana grove, Cocoa, Coffee, sugarcane, avocado, pineapple and a number of exotic fruit which rarely make it to grocery store shelves.



This Program Features: The Climatron® Conservatory

Completed in 1960, the Climatron® was the first geodesic dome to be constructed as a plant conservatory. Rising 70 feet high and 175 feet in diameter, the Climatron® houses the Missouri Botanical Garden's tropical rainforest collection, comprising more than 2,800 plants representing more than 1,400 species from around the world. The name, 'Climatron' was coined to highlight the controlled climate within, maintaining inside temperatures of between 70 and 80 degrees throughout the year.



Other Places to Explore...

Make the most of your visit by taking your students to explore the following areas after your program:

1. **Multiple conservatories** - Visit the Garden's other display greenhouses to observe plants from other parts of the globe kept and cared for as part of our collection here in St. Louis.
2. **The English Woodland Garden** - Stroll through a temperate forest and compare it to what you see in the Climatron™. Show students the many ways in which plants adapted to our climate differ from those adapted to warm, wet environments.
3. **The Kemper Center** - This 8-acre complex includes 23 demonstration gardens, including a vegetable garden, a bird garden, native gardens, gardens for butterflies and even a garden for children!

Logistics for Teachers

- ✿ Each Seasonal Snapshot program lasts **90 minutes** and serves a maximum of **60 students**.
- ✿ Multiple programs may be booked across variable times & dates, pending availability.
- ✿ Program fees include admission for up to six adults per 30 students. (Additional adults will be charged normal admission rates.) Please try to bring at least **one adult for every five students**.
- ✿ Currently there is **no lunch space available on Garden grounds**, and picnicking is prohibited. Please schedule your visit and mealtimes accordingly.
- ✿ Program availability is limited! Book early!

For more information or to book this program, please visit <https://www.missouribotanicalgarden.org/learn-discover/students-teachers/school-programs-and-field-trips> or call the School Programs office at 314-577-5185.



MISSOURI BOTANICAL GARDEN

4344 Shaw Blvd. St. Louis, MO 63110 • (314) 577-5100 • www.mobot.org