



Guided Field Trip

Information Packet

Fall 2023 & Spring 2024

GUIDED FIELD TRIPS

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The 2023-2024 Guided Field Trip Information Packet provides educators with the most current information about unique field trip experiences at Bernheim Arboretum & Research Forest. Planning tools include accessibility, KY Academic Standard Alignment, suggested readings*, pricing, and chaperone requirements.

Throughout the year more than 10,000 children participate in field trips to Bernheim, exploring and discovering the natural world. Our expert nature-based educators develop specially designed curriculum that incorporates Science, Technology, Engineering, Art, and Math (STEAM). Our 16,000+-acre outdoor classroom makes learning both experiential and immersive.

Request your next trip to Bernheim Arboretum & Research Forest using our new online field trip request form by visiting <https://forms.office.com/r/iYsz4V7hne> or clicking below.



Timeslots
Morning 10:00 a.m. to 11:30 a.m. Afternoon 12:15 p.m. to 1:45 p.m. (Monday – Friday)
Availability
August 21st through December 15th (Monday through Friday) March 4th through May 17 th (Monday through Friday)
Program Fees Include
<ul style="list-style-type: none"> • Guided program led by nature-based educator. • Materials (if applicable) • Picnic area reservation • Bus environmental impact fee

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Field Trip Type	Grade Level	Duration	Cost Per Student	Accessibility**	Chaperone Requirements
Seasonal Nature Walk	Preschool	1 hr.	\$10		1:10
Getting to Know Your Animal Friends	Preschool	1 hr.	\$10		1:10
Art and Nature for Wee Folk	Preschool to K	1 hr.	\$10		1:10
Plant and Animal Walk	Preschool, Kindergarten, & Grade 1	1 hr.	\$10		1:10
Edible Garden Discovery	Kindergarten-High School	1 hr.	\$10		1:10
Hike to the Giants	Grade 1 – High School	1.5 hr.	\$15	→	1:10
Discovering Art and Science in Nature	Grade 1- High School	1 hr.	\$10		1:10
Exploring the Bernheim Ecosystem	Grade 2 – High School	1 hr.	\$10		1:10
Life and Land of Rock Run	Grade 2 – High School	1 hr.	\$10		1:10
Sustainable Thinking and Design	Grade 6 - High School	1 hr.	\$10		1:10
Wilson Creek Exploration (Group Max. 80)	Grade 3 - High School	1.5 hrs.	\$15		1:8

[Accessibility Levels Key*](#) = Easy = Moderate = Hard

*Accessibility determined by % grade, distance, ground surface and perceived barriers to independence






GUIDED FIELD TRIPS

Kentucky Standard Alignment

Field Trip Title: Art and Nature for Wee Folk	
Description	Students will actively explore Earth Measure, our massive limestone sculpture, and take a walk to discover other art hidden in nature. Program concludes with students building bug hideouts and fairy houses, using only natural materials.
Kentucky Academic Standards (KAS) Alignment	K-LS1-1
Grade Level	Preschool & Kindergarten
Accessibility	 <u>Distance</u> : <¼ mile <u>Terrain</u> : Paved and flat
Suggested Reading*	LaValle, J. (2022). <i>Nature is an Artist</i> . Greystone Kids. ISBN: 978-1771646499
Field Trip Title: Plant and Animal Walk	
Description	Many plants and animals call Bernheim home! Students will consider how organisms survive on land and in water as we explore different habitats. Key concepts include basic needs, organism structure and function, and relationships between organisms and their environment.
Kentucky Academic Standards (KAS) Alignment	K-LS1-1, K-ESS2-2, 2-LS4-1
Grade Level	Preschool, Kindergarten, & Grade 1
Accessibility	  <u>Distance</u> : Less than ¾ mile <u>Terrain</u> : Paved, slight incline, gravel path, natural trail
Suggested Reading*	Lundgren, J. (2020). <i>Animal Habitats</i> . Rourke Educational Media. ISBN: 978-1617419348




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Kentucky Standard Alignment

Field Trip Title: Edible Garden Discovery	
Description	In addition to growing plants and food, our Edible Garden cultivates curiosity and learning! Students will rotate between hands-on activity stations as they discover how the garden can teach us exciting lessons in math, science, art, writing, and more.
Kentucky Academic Standards (KAS) Alignment	K-LS1-1, 2-ESS2-3, 2-LS2-1, 3-LS4-3, 4-LS1-1, 5-LS1-1, 06-LS2-1, 07-LS1-4, 07-LS1-5, 08-ESS3-4, HS-ESS3-1
Grade Level	Kindergarten – High School
Accessibility	 <u>Distance</u> : <¼ mile <u>Terrain</u> : Paved, flat, no Shade available
Suggested Reading*	<u>Elementary</u> : Tennant, C. (2015). <i>Edible Science: Experiments You Can Eat</i> . National Geographic Kids. ISBN: 978-1426321115
Field Trip Title: Hike to the Giants	
Description	Bernheim has been visited by a family of giants! Students will visit all three and discover both sides to their story: the magical fairytale and the history of their creation. The 2-mile hike to the giant’s winds through many habitats, providing opportunities to see a variety of plants and wildlife. Key concepts include sustainability, design, recycling, art, and nature.
Kentucky Academic Standards (KAS) Alignment	2-LS4-1, 3-LS4-3, 4-ESS2-1, 08-LS2-5, HS-LS2-7
Grade Level	Grade 1 – High School
Accessibility	 →    <u>Distance</u> : Two miles (out and back) <u>Terrain</u> : Mixed – paved, dirt, some rough terrain. <u>Terrain</u> varies at each Forest Giant location.
Suggested Reading*	<u>Elementary</u> : Van Allsburg, C. (2011). <i>Just a Dream</i> . Clarion Books. ISBN: 978-0547520261



GUIDED FIELD TRIPS

Kentucky Standard Alignment

Field Trip Title: Discovering Art and Science in Nature	
Description	Experience Earth Measure, our massive sculpture that merges art and science! Students will explore sights and sounds of the piece, take a walk to compare other artwork, and use natural materials to construct their own sculpture. Key concepts include structure and design, and engineering practice.
Kentucky Academic Standards (KAS) Alignment	1-PS4-1, 4-PS3-2, 4-LS1-2, 08-LS1-8, 08-LS2-5, HS-PS4-5
Grade Level	Grade 1- High School
Accessibility	 <u>Distance</u> : Less than ¼ mile <u>Terrain</u> : Paved, slight incline
Suggested Reading*	<u>Elementary</u> : Blizzard, G.S. (1996). <i>Exploring Landscape Art with Children</i> . Charlesbridge. ISBN: 978-0934738958 <u>High School</u> : Ball, P. (2016). <i>Patterns in Nature</i> . University of Chicago Press. ISBN: 978-0226332420
Field Trip Title: Exploring the Bernheim Ecosystem	
Description	The Bernheim ecosystem includes many different plants and animals. Students will explore three habitats – forest, pond, and prairie – and consider the organisms unique to each. Key concepts include organism function, relationships between organisms and their habitats, and organism survival and adaptation.
Kentucky Academic Standards (KAS) Alignment	2-LS4-1, 3-LS4-3, 3-LS4-4, 3-LS3-2, 3-LS4-2, 4-LS1-1, 08-LS2-5
Grade Level	Grade 2 – High School
Accessibility	  <u>Distance</u> : Less than ¾ mile <u>Terrain</u> : Paved, slight incline, gravel path, natural trail


GUIDED FIELD TRIPS

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Field Trip Title: Life and Land of Rock Run	
Description	Rock Run Creek has flowed through Bernheim for centuries, creating a landscape filled with geologic and ecologic connections. Students will follow a trail along forested creek banks and explore the bed at dry locations. Key concepts include processes that shape the earth and interdependent relationships within ecosystems.
Kentucky Academic Standards (KAS) Alignment	2-ESS1-1, 2-LS4-1, 3-LS4-1, 3-LS4-3, 3-LS4-4, 3-LS3-2, 3-LS4-2, 4-LS1-1, 08-LS2-5,
Grade Level	Grade 2 – High School
Accessibility	 Terrain: Path is rough terrain, including gravel, wood/natural bridges and natural trail across some slightly steep hills
Field Trip Title: Sustainable Thinking and Design	
Description	Based at Bernheim’s award winning LEED Platinum Visitor Center, this program introduces the concept of sustainability and demonstrates how nature can inspire clever designs. Students will also make connections between sustainability and key concepts of energy transformations, the water cycle, and human-nature interactions.
Kentucky Academic Standards (KAS) Alignment	07-PS1-6, HS-ESS3-1, HS-LS2-7
Grade Level	Grade 6 - High School
Accessibility	 Distance: Less than ½ mile Terrain: Paved, slight incline

GUIDED FIELD TRIPS

Kentucky Standard Alignment

Field Trip Title: Wilson Creek Exploration	
Description	<p>The Wilson Creek stream restoration site provides students with the unique opportunity for hands-on study of stream ecology. In the past, humans straightened the creek to allow for farming; but in 2003, the channel was restored to its natural condition, creating a prime location for research, education, and natural management opportunities.</p> <p>In addition to exploring the history and ecology of Wilson Creek (crawfish catching included!), students will also determine which factors contribute to stream health and investigate the ecological results of the initial restoration project. This field trip is perfect for groups who want to explore the heart of Bernheim by wearing their muck shoes, getting in the water, and digging up fascinating creatures.</p>
Kentucky Academic Standards (KAS) Alignment	2-LS4-1, 3-LS4-3, 3-LS4-4, 3-LS3-2, 3-LS4-2, 4-LS1-1, 08-LS2-5, HS-LS2-6, HS-LS2-7
Grade Level	Grade 3 - High School
Accessibility	 Terrain: Mixed – paved, dirt, some rough terrain, water access with potential for 12+ inches in certain areas.

*Unless otherwise stated, reference to any products, services, hypertext link to the third parties or other information by trade name, trademark, supplier or otherwise does not constitute or imply its endorsement, sponsorship, or recommendation by Bernheim Arboretum & Research Forest.