



Field Trip Overview

Students should bring:

- Water bottle
- Weather-appropriate clothing
- Closed-toe shoes (tennis shoes or hiking boots)
- Lunch (if needed)

Teachers should bring:

- Sunscreen/bug spray for class
- First Aid Kit

FIELD TRIP ITINERARY:

You may select from the activities provided to customize a field trip that best fits your needs. You may choose to group similar themes together or opt for a broader selection of topics. Your trip itinerary will depend on factors such as the activities selected, group size, and trip length. Below are two example itineraries:

Example 1: Full day, one class

9:00AM–9:15AM: Arrival, introduction for the day
9:15AM–10:00AM: Activity 1
10:00AM–10:45AM: Activity 2
10:45AM–11:30AM: Activity 3
11:30AM–12:00PM: Lunch and free time
12:00PM–12:45PM: Activity 4
12:45PM–1:30PM: Activity 5
1:30PM–2:15PM: Activity 6
2:15PM–2:30PM: Wrap-up, board bus

Example 2, Half day, two classes

9:00AM–9:15AM: Class 1 arrives, introduction for the morning
9:15AM–9:45AM: Activity 1
9:45AM–10:15AM: Activity 2
10:15AM–10:45AM: Activity 3
10:45AM–11:00AM: Wrap-up, board bus

12:00PM–12:15PM: Class 2 arrives, introduction for the afternoon
12:15PM–12:45PM: Activity 1
12:45PM–1:15PM: Activity 2
1:15PM–1:45PM: Activity 3
1:45PM–2:00PM: Wrap-up, board bus

GROUP SIZE

In order to give students the best hands-on experience, we strive to keep field trip sizes small. We prefer to facilitate field trips one class at a time. If you would like your whole grade level to attend a field trip, we suggest one class per day, or half-day experiences with one class in the morning and one class in the afternoon.

PRICING

As a community resource, we strive to remove barriers that prevent students from learning and exploring outdoors. As a result, we provide field trips at no cost. If you need assistance covering bus transportation, please contact us.

CUSTOM TRIPS/ACTIVITIES

Don't see what you're looking for? We are happy to work together to create field trip opportunities that fit your curriculum and class needs. Please contact us to get started.

Contact Information:

Education Coordinator
Ashley Scheve
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(319) 335-2803



1st Grade Field Trip Options

All About Mammals:

Bat Sounds

NGSS/Iowa Core Standard: 1-LS1-2

Activity Time: 45 minutes

Description: Students will gain an understanding of how bats use their unique morphology to navigate the world through echolocation and reflecting sound waves.

Mammal Engineers – Digging

NGSS/Iowa Core Standard: 1-LS1-1

Activity Time: 45 minutes

Description: Students will learn about adaptations that make some mammals good diggers, and experiment with ways to copy those adaptations.

Animal Detectives

NGSS/Iowa Core Standard: 1-LS1-1

Activity Time: 45 minutes

Description: Students will observe and follow animal tracks to understand how animals use their external features to survive and find food and shelter.

Fur and Footprints: Adaptations in Action

NGSS/Iowa Core Standard: 1-LS1-1

Activity Time: 30 minutes

Description: Students will explore how animals use their fur and other external features to help them survive in their environments. Students will touch real animal furs and examine track and scat replicas.

All About Plants:

Flower Dissection

NGSS/Iowa Core Standard: 1-LS1-2

Activity Time: 60 minutes

Description: Students will get up close and personal with a flower, making observations and learning about the different parts of a flower.

Seed Letters

NGSS/Iowa Core Standard: 1-LS1-1

Activity Time: 45 minutes

Description: Students will explore the area around Lakeside Laboratory, identifying different methods plants have to spread their seeds. They will have the opportunity to act out these delivery methods to solve a problem.

Looking at Leaves

NGSS/Iowa Core Standard: 1-LS3-1

Activity Time: 30 minutes

Description: Students will observe, compare, and identify leaves from different plants, making simple observations to understand how young plants resemble but are not exactly like their parents.

Color Collage

NGSS/Iowa Core Standard: 1-LS3-1

Activity Time: 30-45 minutes

Description: Students will observe and collect natural materials of different colors during a color walk and then use these materials to create a plant collage.

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Other Options:

Arachne's Web

NGSS/Iowa Core Standard: 1-LS1-1

Activity Time: 60 minutes

Description: Students will explore different types of spider webs, and how spiders use them to solve problems.

Mammal Biomimicry – Snowshoes

NGSS/Iowa Core Standard: 1-LS1-1

Activity Time: 60 minutes

Description: Students will learn about adaptations that make some mammals good at walking on snow, and experiment with ways to copy those adaptations.
