

# virtual field trips

## WITH STUDENT WORKSHOPS



**Enhance your school's teaching and learning with a virtual field trip to the Nature Museum that includes a live interactive workshop centered around unique museum resources!**

Register for our creative science and nature workshops to focus your virtual visit and create meaningful connections between in- and out-of-school learning experiences in real-world contexts. All workshops are taught by an experienced museum educator and correlate with the Next Generation Science Standards.

### PREPARING FOR YOUR VIRTUAL FIELD TRIP

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#### Pre-Visit

Register for your workshop online at [naturemuseum.org/workshops](https://naturemuseum.org/workshops).

Then, you'll receive your Virtual Field Trip Guide and Confirmation, where you'll find your virtual student workshop time, FAQs, and an asynchronous pre-visit activity to ground your Nature Museum experience!

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#### Live Interactive Student Workshop

Bring locally focused science education to your class and create meaningful connections to the Nature Museum through an interactive, educator-led virtual workshop.

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*My students were definitely the most engaged during the museum educator facilitated workshop part of our program. The addition of the amazing videos was super engaging!*

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— Virtual Student Workshop Participant 2020

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#### Post-Visit

After your virtual visit, share the asynchronous post-visit activities and resources in the Virtual Field Trip Guide with your students and families to continue your Nature Museum experiences.



Find out more at [naturemuseum.org/workshops](https://naturemuseum.org/workshops) and connect with us online!

#NatureMuseum



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PRE-K-K

## Plant Pals

NGSS: LS1

Be a naturalist through interactive explorations with plants! Students will discover a variety of real plants, observe the main parts of a plant, and use full body movement to model what they learn.

## A Habitat Hike

NGSS: LS4, ESS3

Explore the diversity of living things where we live! Students will compare and contrast Chicago-area land and water habitats—and the living things that call those places home—on a virtual hike.

FROM OUR EXHIBIT:

## Butterfly Body Parts

NGSS: LS1

Join us amongst the butterflies in our most popular exhibit—the *Judy Istock Butterfly Haven!* During a rich sensory exploration, students will observe beautiful butterfly bodies with a focus on the patterns and colors they notice.

GRADES 1-2

## Seed Investigations

NGSS: LS1, LS2

Explore local plants and seeds! Students will observe different seed parts, and how animals and seeds interact in their environments. Then, they will use their observations to discuss the different ways seeds can move.

## Metamorphosing Monarchs

NGSS: LS1

Become a butterfly scientist! Students will learn about butterfly body parts and the ways butterflies grow and change throughout their lives. Then, they will create their own butterfly life cycle models to use to teach others what they know.

FROM OUR EXHIBIT:

## Frogs & Salamanders Up Close

NGSS: LS1

Join us behind the scenes in our *Istock Family Look in Lab*, home for many of the animals in the Nature Museum's living collection! Students will meet local frogs and salamanders, observe their features and movements, and use critical thinking skills to compare and contrast the animals' bodies, behaviors, and habitats.

GRADES 3-5

## Invertebrate Investigations

NGSS: LS1

Explore local insects and other invertebrates! In this investigation, students will observe invertebrate bodies and behaviors close up. Then, we'll analyze their environmental preferences using data collected during the workshop.

## Exploring Butterfly Conservation

NGSS: LS2, LS4

Observe and compare rare and endangered Midwestern butterflies! Students will learn about the characteristics of native butterfly habitats, the Nature Museum's conservation research initiatives, and the ways in which people impact local butterfly populations.

FROM OUR EXHIBIT:

## Turtle Watch

NGSS: LS4

Join us in *Mysteries of the Marsh* for a turtle investigation! Students will collect data about two turtles using an ethogram and compare and contrast their behaviors. Students will then analyze the data to make conclusions about the ways different turtles survive in their environments.

GRADES 6-12

## What's the Buzz About Bees

NGSS: LS1, LS4

Examine various bee specimens from the Nature Museum's collection! Students will analyze data to determine trends in bee populations and the impact on local ecosystems. Then, they will learn about the relationships between humans and bees through current conservation efforts.

## Water Quality Investigation

NGSS: LS2, ESS3

Find out what the macroinvertebrates in the water really tells us about the water's quality! Students will learn about water quality indicators, tolerant and intolerant species, and community science initiatives while identifying local macroinvertebrates. Students then use their findings to analyze the health of a water sample.

FROM OUR EXHIBIT:

## A Collection Close-Up

NGSS: ESS3

Join us in Beecher Collections Laboratory for an interactive Collections Connection! Students will get a look behind the scenes to learn more about what's in our natural history collection and why museums keep collections. Then, students will use their observations to generate questions and seek evidence to construct explanations.

## How to Register

Visit [naturemuseum.org/workshops](http://naturemuseum.org/workshops) to complete an online request form.

For accessibility accommodations or custom requests, e-mail [fieldtrip@naturemuseum.org](mailto:fieldtrip@naturemuseum.org).

## Cost & Payment

\$120/45-minute workshop. Visit website for bulk pricing and available discount. Payment is due 14 days prior to the program(s) date, or the program will be canceled.

To ensure the quality of the interactive virtual experience, schools may not combine multiple classrooms into one workshop.

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