

# FIELD TRIPS

## AT THE INDIANA STATE FAIR



INDIANA STATE  
**FAIRGROUNDS**  
& EVENT CENTER



INDIANA  
**STATE FAIR**

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# Letter from the Executive Director

Dear Indiana Educators,

For more than 165 years, the Indiana State Fair has been creating special memories for Hoosiers from all corners of our state, while educating thousands annually about Indiana agriculture. Trips to the State Fair are a great way to continue this tradition for your students. We encourage all districts to take advantage of our various educational experiences available at the 2022 Indiana State Fair.



The Indiana State Fair's Education Department offers many options for educators, students, and families. These experiences include self-guided educational journeys for students in grades K-12, standards-based learning opportunities, and more than 20 educational exhibits.

The Indiana State Fairgrounds & Event Center has been delivering standards-based field trips since 2007 and continues to offer valuable experiences today. Please visit [www.IndianaStateFairFieldtrips.com](http://www.IndianaStateFairFieldtrips.com) for more information or to register your class.

See you at the Fair!

Cynthia Hoyer

A handwritten signature in black ink, appearing to read 'C. Hoyer', with a long horizontal line extending to the right.

# Indiana School Teachers

Start the school year with a memorable educational field trip to the 2022 Indiana State Fair. Indiana State Fair Field Trips are an opportunity for classroom and home educators to enhance curriculum by utilizing an educational experience that cannot be accomplished in the classroom setting. Educators will be able to participate in one of our directed, self-guided learning opportunities, or create a unique self-guided field trip experience by selecting from participation exhibits at the Indiana State Fair. The educational experiences are explained in this booklet.

## Dates and Times

Wednesday, August 10

Thursday, August 11 (Machines of the Midway ONLY)

Friday, August 12

Wednesday, August 17

Thursday, August 18 (Machines of the Midway ONLY)

Friday, August 19

## Experience includes:

1. Admission for registered students AND chaperones varies based on the experience selected. Teachers are FREE. Free bus parking, **parking is \$8 for all chaperones driving separately.**
2. Cross-Curricular Educational Opportunities (Science, Social Studies, Math, Language Arts, Fine Arts), with follow-up lesson plans.

Register at **[IndianaStateFairFieldtrips.com](https://indianastatefairfieldtrips.com)**

If you have any questions or concerns, please contact the Education Department at **[education@indianastatefair.com](mailto:education@indianastatefair.com)** or **(317) 450-9265**.



# Field Trip Opportunities at the 2022 Indiana State Fair

## Self-Guided but Experience Specific

Teachers and students will embark on a self-guided experience through a directed itinerary. Each student will receive a lanyard, pencil, and activity sheets to help guide the experience. Teachers may select one of the three experiences offered:

- **Machines of the Midway** — Ride and Learn Encounter
- **The Wonder Trail** — Navigate and Learn Encounter
- **Animal Experience** — Interact and Learn Encounter
- **Automobiles** — Interact and Learn Encounter

## Self-Guided

Teachers and students explore the 2022 Indiana State Fair through their own unique self-guided experience by selecting activities and experiences that compliment classroom curriculum. Groups will receive Daily Sheets to see what is happening that day at the fair, with a map for navigation.

The field trip activities and experiences are described throughout the rest of the booklet. As you are planning for your 2022 Indiana State Fair Field Trip, pay close attention to the date the opportunity is offered, what is included, and cost per student and adult chaperone. If you have any questions, please contact the Education Department at [education@indianastatefair.com](mailto:education@indianastatefair.com).

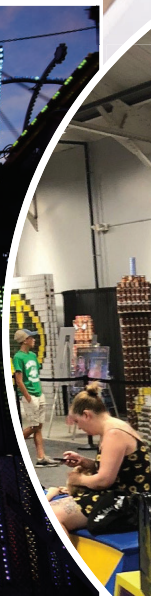
# Machines of the Midway

## Ride and Learn Encounter — August 11 & 19

There is finally an answer to the age-old question: “When are we going to use this in real life?” Machines of the Midway is the educational experience with the biggest thrill for your students at the 2022 Indiana State Fair. In partnership with local educators and the North American Midway Entertainment, Machines of the Midway will offer a real-world, hands-on learning experience that incorporates math, science and engineering. Your classroom will be the Indiana State Fair Midway for this three-hour experience. Learners will have the opportunity to study exactly how the thrills of the fair are developed, tested and maintained through direct instruction and authentic experiences that allow them to ride rides and speak with industry experts. Classroom materials, assessments and rubrics have all been developed to guide this endeavor where students will BECOME the engineers and developers of tomorrow’s rides through standards-based projects. Learners will have the opportunity to build a model, test its capabilities and community those results to the experts in the field. Machines of the Midway will be offered on August 11 and 19. The cost of this experience is \$9 per student and adult chaperone. Teachers are FREE. This will be a thrill you don’t want your students to miss.

**Grade Level:** 6-8

**Curriculum Tie In:** Math, Physics, Science



# The Wonder Trail

## Navigate and Learn Encounter

The Wonder Trail is a self-guided trail around the Indiana State Fair that enhances classroom curriculum or family discussion by utilizing agriculture as a teaching model. Participants will navigate a map, exploring agriculture by following the trail to engage in 12 different activities around the Fairgrounds. Curriculum varies year to year, allowing for many educational opportunities. Students will receive a prize when they complete 8 of the 12 activities. The Trail takes approximately 2.5 hours to complete, with students receiving a map that will take them to different locations around the fairgrounds. This experience costs \$5 for students and adults. Teachers are free. This experience is offered any day field trips are offered during the 2022 Indiana State Fair.

**Grade Level:** 2-8

**Curriculum Tie In:** Geography, Agriculture





# Animal Experience

## Interact and Learn Encounter

There are many places to see and learn about animals during a visit to the 2022 Indiana State Fair. The Education Staff will help you coordinate your itinerary based on your arrival and departure times, and animal exhibits taking place around the Fair on your selected day. The cost of this experience is \$5 per student and adult. Teachers are free. This experience is available any day 2022 Indiana State Fair field trips are offered. A sneak peek at a few of the animal activities your students will be engaging during their three-hour experience:

### **Animal Town**

An interactive area, where students will see each species of animal that is shown or display at the 2022 Indiana State Fair, from llamas, horses, rabbits and more. Students will have the opportunity to meet the animals and complete an animal activity.

### **Momma Town**

An interactive animal area that focuses on mom and baby livestock species. Students will learn about the lifecycle of animals, while having the opportunity to meet the animals and complete an activity.

### **Daily Livestock Show**

Visit a livestock show and learn about how animals are judged in competition.

### **Goat Mountain**

Goats, goats and more goats! Several breeds are represented at this popular exhibit, including energetic Pygmy goats, Boer goats, the beautiful Angora goat, and various dairy goats. Students will have the opportunity to see the goats play and roam the mountain.

**Grade Level:** K-6

**Curriculum Tie In:** Animal Husbandry, Animal Habitats, Science





# Self-Guided Experiences

Creating a unique adventure for your group is possible for a cost of \$5 per student and adult chaperone. Experience exhibits around the Fair at your own pace, and select experiences that best fit your classroom curriculum. Upon arrival, each group will receive Daily Sheets and maps to help navigate what is happening at the Indiana State Fair on that day.





# Speed: Science of Motion

Zoom through this thrilling exhibition on the science of speed and motion. Located in the Harvest Pavilion, SPEED: Science in Motion investigates the technology of Formula One auto racing, from physics and engineering to human endurance and biology. This racetrack-style exhibition provides an exhilarating look at the world of Formula One racing complete with pit lane, workshop, and physical testing environments.





# Animal Town

Come experience Animal Town, located on the north side of the fairgrounds in the Family Fun Park. Animal Town is an interactive animal experience featuring daily chats led by industry experts about the different animals on display. This exhibit is guaranteed to be a favorite for your students.

**Grade Level:** K-6

**Curriculum Tie In:** Agriculture, Animal Habitats, Animal Husbandry

**Chat Times:** 1 PM, 3 PM, 5 PM, 7 PM



# Little Hands on the Farm

Little Hands on the Farm is an interactive mock farm that includes 13 interactive barns. Participants engage in the agricultural process as a farmer would. The participants have the chance to harvest products and do chores on the farm (ranging from collecting apples, to gathering eggs from the chicken coop, to planting a tomato or pepper seed and milking a cow). They then receive money for their work that they can use to buy food at the grocery store. It is the perfect environment for receiving the complete agricultural experience.

**Grade Level:** K-2

**Curriculum Tie In:** Plant Science, Agriculture





# Take Out Garden

Students exploring the Indiana State Fair Greenhouse receive a Take Out Garden after participating in an interactive scavenger hunt. These small “to go” containers are filled with everything needed to plant their own garden at home or school. Students can select from one of four gardens: Pizza, Taco, Flower, and Herb.

**Grade Level:** K-12

**Curriculum Tie In:** Plant Science



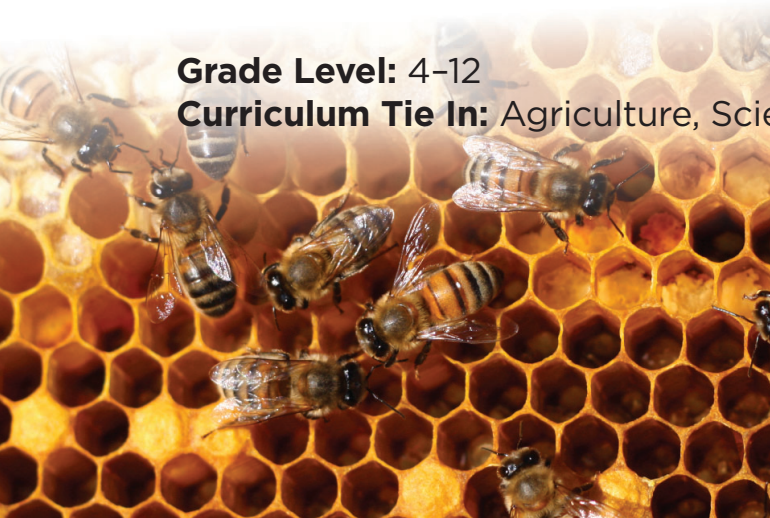


# Normandy Barn

This exhibit features interactive activities for long-lasting impressions of Indiana agriculture. It bridges components of large, contemporary agriculture and farm products known to students, as well as showing unique crops grown in Indiana on a smaller scale.



**Grade Level:** 4-12  
**Curriculum Tie In:** Agriculture, Science





# Glass Barn

The Glass Barn, presented by Indiana Soybean Farmers, is a unique hands-on educational center, full of engaging exhibits and leading-edge technology that brings the farm directly to the visitor. The Glass Barn is the premier destination for educating students about the science and technology involved in soybean farming. Using engaging displays, interactive games and programs, it allows visitors to learn about the farming life, farmers' connections with the land and the technology they use to work it. Take a ride in the combine simulation of harvesting a soybean field. The Glass Barn is also host to daily "Live Farmer Chats" via FaceTime, where students can learn about careers associated with modern Indiana Farmers

**Grade Level:** 3-12

**Curriculum Tie In:** Science, Technology, Reading



# Pioneer Village

Students have the chance to experience rural life and farming as it was in “days gone by” at Pioneer Village. They are able to enjoy seeing farm animals and restored antique tractors up close. There are 1920’s steam engines with vintage farm equipment sawing logs into lumber, threshing wheat, shelling ear corn, and more. Live “old-time” music and stage shows add to the charm while you watch experts create quilts, spin yarn, hook rugs, and make brooms! Watch the cooper, potter, artists, woodworkers, wheelwrights as well as coppersmith use hand and foot-powered tools and machines as they create, build and repair early agriculture equipment and household items. Guests may also visit a 19th century log cabin, general store, and early 20th century barbershop.

**Grade Level:** K-12

**Curriculum Tie In:** Indiana History

**Daily Demos:** Thrashing - 10AM





# Indianapolis Motor Speedway Traditions Exhibit

“Traditions” — an exhibit from the Indianapolis Motor Speedway Museum — will be open in the Farm Bureau Building on the north side of the Fairgrounds. The exhibition displays the many iconic traditions of the month of May at the IMS and at the Indianapolis 500.



# Pathway to Water Quality

Pathway to Water Quality is an educational exhibit that showcases a model watershed on how land “sheds” excess water and what that means to the citizens. The exhibit is made up of displays and takeaway information for everyone. This demonstration site shows how proper management practices at home, on the farm and in business can protect our soil and water and other natural resources. Enjoy the soils, water history, wetlands, grazing, forestry, homeowners, well and crops areas at the exhibit. See how the pervious concrete and our green roof displays work.

**Grade Level:** K – 12

**Curriculum Tie In:** History, Science, Conservation, Agriculture





# Indiana History Train

Explore the history of Indiana Basketball, Chuck Taylor, and the Converse All-Star show that stepped up the game and pop-culture at the Indiana Historical Society's Indiana History Train. This exhibit spans across three freight cars. Learn about the man behind the famous Converse All Star through historic photos and watch videos of the sport he helped popularize.

**Grade Level:** K-12 (With emphasis on grade 4)

**Curriculum Tie In:** Indiana History

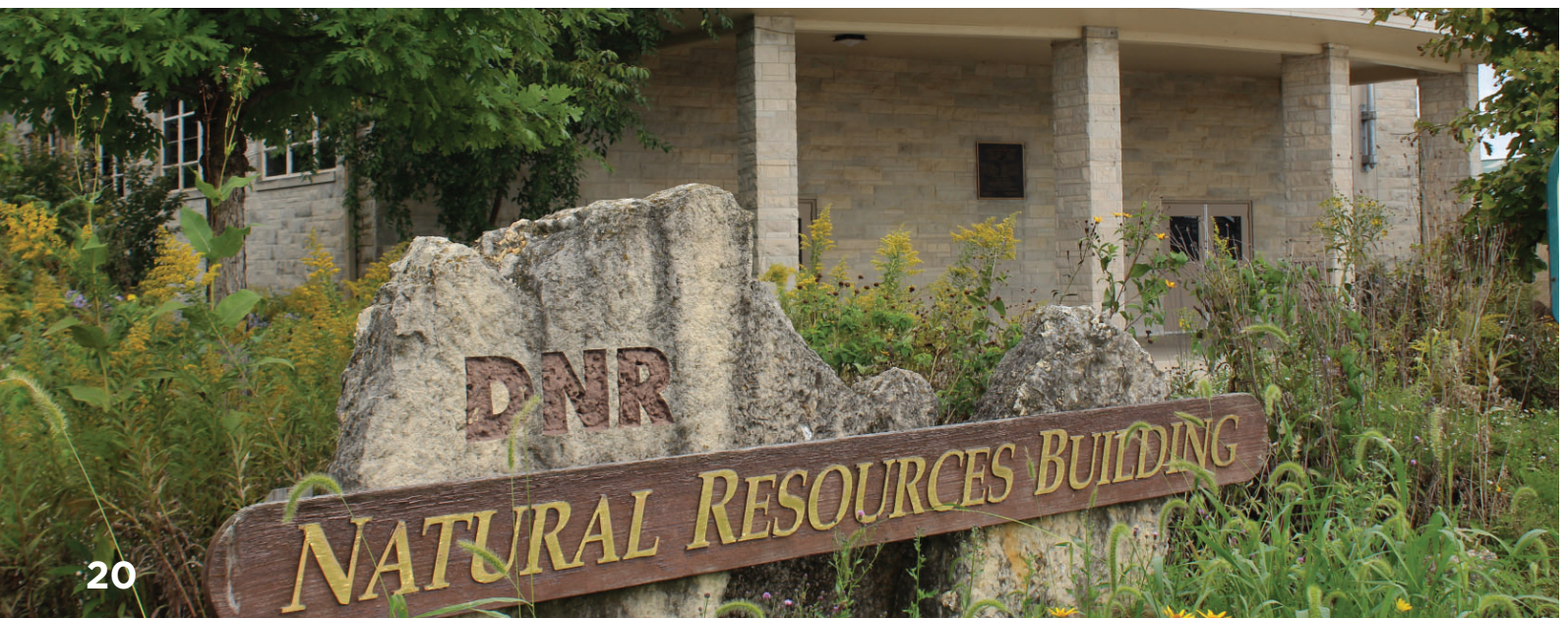


# Department of Natural Resources (DNR) Building

## Live Native Reptiles

Native reptiles will be the focus of the daily program at 10am at the DNR building amphitheater. An Interpretive Naturalist will provide a talk about reptiles in general, and will have live reptiles on display and out for the audience to see up close. Facts about Indiana reptiles, venomous vs. non-venomous snakes, habitat needs, and food preferences will all be covered in the talk.

**Time: Approximately 40 minutes**







## State Fair Fishin' Pond At the DNR Building

The DNR Fishin' Pond allows children ages 5-17 the opportunity to fish for free. Parents sign-up their kids at the registration table, families listen to a short talk about fishing safety, and then the kids can fish for up to 15 min. After fishing, the whole family can learn more about Indiana fish through a coloring activity and playing with fishy friends.

**Time:** Approximately 40 minutes for up to 25 kids  
(25 is max number of fishing spots)

**Grade Level:** K-12

**Curriculum Tie:** Life Science, Natural History, Indiana History, Biology, Lifetime Skills, and Human Dimensions

# 4-H Education Complex

Explore the 4-H Exhibit Hall and Centennial Hall to see what youth are inspired to do and create through hands-on learning opportunities in 4-H Youth Development. View over 7,000 exhibits created by Indiana kids, or check out the fair schedule for 4-H events held in these buildings including speaking competitions, performing arts, demonstrations, and education stations. Stop by the sewing center where more than twenty quilts are constructed each year for homeless shelters throughout the state or build your own wooden train car in the wood shop. Check out the animal pavilions and the Purdue Extension Agriculture/Horticulture Building for over 2,000 more 4-H exhibits.

**Grade Level:** K-12

**Curriculum Tie In:** Social Studies, Science, Language Arts, Geography





# FFA Pavilion

The Indiana State Fair is the Indiana FFA's opportunity to showcase the tremendous accomplishments of its top members and chapters from around the state. The FFA Pavilion is a multi-part exhibit spread throughout three connecting buildings and encompassing over 25,000 square feet. It is one of the Fair's most popular attractions with over 200,000 people coming through the doors each year. The Children's Barnyard, agriculture miniature golf course, interactive children's play areas, and the Country Market bring visitors inside the FFA Pavilion.

**Grade Level:** K-12

**Curriculum Tie In:** Science, Careers





# Purdue School of Veterinary Medicine Spay & Neuter Exhibit

The Spay and Neuter surgery exhibit, provides surgeries over the 17 days for students to observe. The surgeries are needed to prepare Humane Society pets for adoption. The is a partnership between the Purdue University College of Veterinary Medicine and the Indiana Veterinary Medical Association. In addition to the surgeries, veterinarians and veterinary technicians will provide educational demonstrations to visitors about what is new in veterinary medicine and show them how to care for their dog, cat or other animals. Also, veterinary students from the college will meet with the public daily to discuss veterinary-related issues.

**Grade Level:** 6-12

**Curriculum Tie In:** Career Development, Science, Technology



# Livestock Barn Education

Most Americans are at least two generations removed from the family farm, so it is important to create learning opportunities for the consumer to connect to where and how their food is being produced. Educational signs are displayed in the sheep, swine, cattle, rabbit and poultry barns that feature information and facts about food production. Learn more about livestock during the daily Barn Chats at Animal Town

**Grade Level:** K-12

**Curriculum Tie In:** Animal Science, Agriculture





# Design and Innovation Studio Located in MacReynolds Barn

The Design and Innovation Studio provides students with the opportunity to explore design-thinking, problem-solving, technology and creative skill sets that will prepare them for tomorrow's workforce. This studio includes innovative technologies from 3-D printers to mind-reading robotic hands, as well as Sphero robots' circuits, and laser cutters/engravers. All of these feature activities apply to agriculture, from making tools on the 3-D printers, to showing youth how robotics and programming are used in agriculture.











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