



# EDUCATOR'S GUIDE



SEPT. 6-15

2019



# AN EXTENSION ♦ ♦ ♦ *of your* ♦ ♦ ♦ CLASSROOM



**More than 12,000 students from preschool to high school travel to the Kansas State Fair each year to learn about the richness of our state through hands-on experiences.**

From the animal birthing center and milking parlor, to the variety of art and music programs, there's no shortage of material that can be used to effectively engage your students and spark their interest and curiosity.

### *We're here to be your guide*

Let the Kansas State Fair's education team help you map out a fun and productive trip for your students – one that will animate their senses, fill them with questions, and stimulate their imaginations. Our experienced team can help you:

- Plan and coordinate your day at the Fair and direct you to premade lesson plans.
- Take you through our simple check-in process as you enter The Little Red Schoolhouse.
- Provide interactive supplies for students.
- Explain our comprehensive maps to help you find your way to and through the Fairgrounds.

### *Register today at [www.kansasstatefair.com](http://www.kansasstatefair.com)*

Registration for Kansas' Largest Classroom is easy – an official registration with us will ensure you make the most of your students' day. Plus, you'll receive discounted admission, reserved parking, rapid check-in, even someone to bring your coolers and packed lunches to the Encampment Building.

**For assistance with planning contact:**

**Jacki Eckert, Education Manager, 620-669-3607 or [jacki.eckert@ks.gov](mailto:jacki.eckert@ks.gov)**

# PRESCHOOL AND ELEMENTARY FIELD TRIPS

The Kansas State Fair is a place of awe and wonder. Buildings filled with their favorite animals – and specialty exhibits geared for young students – make the Kansas State Fair an ideal place to plant lasting ideas in the fertile ground of your students' minds.

## Early Learners

For small children and early learners, the Fair provides an endless supply of fun ways to engage students. Packaged lesson plans can be found at [kansasstatefair.com](http://kansasstatefair.com), but many experienced teachers build a custom plan that fits their schedule and classroom needs.

Example: Chose a few morning activities, break for lunch in the Encampment Building and continue the learning and fun in the afternoon. The Kansas State Fair staff can help you craft an itinerary that will leave a lasting impression on your students.

## Intermediate Learners

A day in Kansas' Largest Classroom gives students a hands-on chance to see the practical applications of the subjects you're teaching – and in a way that inspires their curiosity and imagination and keeps them engaged and motivated to learn. Whether your focus is on agriculture, science or math, you'll be able to build the right lesson plan for your students at the Kansas State Fair. Select one of our plans designed for intermediate students or create your own experience from a variety of daily events that can be targeted to your class.



# EDUCATION CENTER

One stop you do not want to miss this year is the new Education Center located at the intersection of Bison Boulevard and Lake Talbott Avenue (formally the Do Art Building). Inside, through hands-on learning experiences, students, parents and teachers will discover how important pollinators are to agriculture. They also will learn about the many agriculture products we use as consumers and about the growing Kansas dairy industry and its importance in our everyday lives.

Agriculture and Pollinator Passports, Math-on-a-stick and the Ferris Wheel ABC are available for pick-up. Students can find their teacher-entered artwork here (*This artwork was formally displayed in the Oz Gallery*).

Single classroom times for hands-on activities can be scheduled Monday-Friday by sending a request to [rubykayleeh@aol.com](mailto:rubykayleeh@aol.com). Teachers can pick up resources and curriculum to take back to use in their classroom. Educational tools and souvenirs will be available for purchase in the Sunflower Gift Shop.

**Dr. Goddard's Lab will continue to be featured in the back portion of the Education Center with demonstrations at 10 a.m., 11 a.m., noon and 2 p.m. The Education Center is open daily 8 a.m. to 8 p.m.**

# FIELD TRIP REGISTRATION

## Days of Operation:

Field trips are available Monday through Friday of the Fair. Field trips are not offered on the first Friday or on weekends.

## Registration Deadline:

Friday, Sept 6.

## Admission:

\$3 per student

One complimentary adult ticket will be provided for every four student tickets ordered. Those attending Dillon's Dollar Day should still register to secure reserved parking and lunch assistance.

Register at [kansasstatefair.com](http://kansasstatefair.com)

For planning assistance, contact Jacki Eckert at 620-669-3607 or [jacki.eckert@ks.gov](mailto:jacki.eckert@ks.gov)

# RECOMMENDED ACTIVITIES

## AGRICULTURE

### *Agriland and the Ag Passport*

**Hours and Location:** 8 a.m. to 8p.m., Pride of Kansas Building

**Elementary Programming** — Through Agriland’s hands-on activities, students learn how agriculture touches their daily lives – from the food they eat to the clothes they wear. They can weigh themselves on a livestock scale, milk a cow, drive a combine, see how a cotton gin works and learn about what’s going on in the living soil under their feet.

With the Agriculture Passport, students make their way in scavenger-hunt style through our Birthing Center, Milking Parlor, various animal exhibits, Agriland and the FFA Ag Education Exhibit. Students who hit all stops on the passport will receive a prize at the Education Center. **Pick up an Ag Passport from 8 a.m. and 8 p.m. at the Education Center or print in advance from our website.**

### *Butter Sculpture and Kansas’ Largest Pumpkin*

**Hours and Location:** 8 a.m. to 8p.m., Pride of Kansas Building

These popular destinations are located in the Pride of Kansas Building. Students can also view different varieties of produce and floriculture, the best crops and a live bee hive. Come see the many products Kansas has to offer!

### *Birthing Center – Celebrating 25 Years!*

**Hours:** 9 a.m. to 8 p.m. daily

The Birthing Center offers a unique experience for students to learn about the miracle of life. Since its debut in 1994, young and old have made the Birthing Center a must see at the Kansas State Fair!

Students learn about the birthing process, plus gain insight about animal agriculture, veterinary medicine and responsible pet ownership. Newborn calves, lambs, goats, piglets and chicks are always a hit and can help students better understand life cycles and food production. “Bessie,” K-State’s popular birthing simulator cow, will be back to give students a “hands-on” experience in the birthing of a calf.

### *Guided Barn Tours – Moo U*

**Hours and Location:** Tours are at the top of the hour from 9 a.m. through noon and from 2 p.m. through 6 p.m. at the northwest corner of the Livestock Annex on 20<sup>th</sup> Avenue.

Moo U Barn Tours are a guided 45-minute walk through the world of poultry, beef, dairy, sheep, swine & rabbits. Tour guides either have a degree in agriculture or a solid background in the industry. Guides use a portable PA system so they can easily relay interesting and little-known facts about the livestock on the tour. They also explain the complexities of the livestock industry and give examples of many ways animal byproducts are used in everyday life. Tours can be adjusted to meet the needs of a wide age range of students.

### *Milking Parlor*

**Hours:** Demonstrations are at the top of the hour from 10 a.m. to 2 p.m. and 6 p.m.

Students will love watching the milking demonstrations where they witness first hand how milk makes its way from the farm to their home. This live exhibit is narrated by a Kansas dairy professional who walks students through the milking process, the life cycle of a dairy cow and answers questions your class might have about milk’s journey.





# ***Sudsy's Barn – New!***

Once your group has wandered through all of the livestock areas, stop at Sudsy's Barn – a one-of-a-kind handwashing station that promotes a healthy lifestyle and makes handwashing fun! Students say their ABC's with Gloria the goat. Bernard the horse tells them if they miss a spot. Students finish by drying their hands in a chicken coop. Sudsy's is brought to you by Blue Cross Blue Shield of Kansas Foundation.



## ***Sheep Shearing – The Wonder of Sheep***

**Hours and Location:** 9 a.m., 11 a.m., 1 p.m. 3 p.m., 5 p.m. Saturday, Sept. 7-Wednesday, Sept. 11 in the Sheep/Swine/Goat barn.

The Wonder of Sheep teaches students about the extensive sheep and wool industry. This stop includes sheep shearing, spinning and weaving demonstrations, plus a "Wool Exhibit" featuring sheep production, lamb, wool and wool-processing displays — a must see for any age of student!

## ***Poultry and Rabbit Barn***

**Hours and Location:** 9 a.m. to 9 p.m. daily

The Poultry and Rabbit Barn is a popular stop for students of all ages! Filled with more than 2,800 coops, the barn features a wide variety of poultry and rabbits. Your students will be amazed at the different shapes, sizes and colors – and they will find a lot to talk about as they see all the different varieties of rabbits, chickens, pigeons, turkeys and other poultry.

## ***You Be the Judge***

"You Be the Judge" program is a great way for students to learn about different livestock and what products are produced from that animal. It gives students an understanding of what is happening during a livestock show. Posters found near the show rings explaining what judges look for in each animal, correct terms used to identify the species and a diagram labeling the different body parts. Livestock show schedules can be found on our new Kansas State Fair app, which can be downloaded through iTunes and Google Play.

## ***FFA Building***

**Hours:** 8:30 until dark.

FFA youth lead this hands-on agricultural learning opportunity for all ages of youth. As a bonus, this is the home of the Grand Champion 4-H/FFA beef, sheep, goat and swine.

## ***Rub-A-Dub-Dub, What's In the Tub?***

**Hours:** Baths start the first Sunday of the Fair and continue daily – 9:30 a.m. (hogs); 11:30 a.m. (sheep); 2 p.m. (goats); 6:30 p.m. (steers).

Located just outside the FFA Agricultural Education Building, the Champion Grand Drive animals are taken out of their Fair home and given a bath. FFA staff will discuss and field questions about feed and care of the animals during bath time.

## ***The Butterfly Experience***

**Hours and Location:** 9 a.m. to 8 p.m. daily, East of Lake Talbott on Fort Leavenworth Boulevard.

The Butterfly Experience brings an educational and personalized touch that makes learning fun. Students learn about the lifecycle of the Monarch Butterfly and the need for milkweed plants to sustain them. Students also can feed the hundreds of butterflies fluttering around them. This is one of the stops listed in the Pollinator Passport.

## ***Pollinator Passport***

**Elementary Programming** — Go on a scavenger hunt to discover how Important pollinators are to agriculture and the many products we use as consumers. Students can view four different pollinator gardens full of native Kansas wildflowers and grasses. They also feature insect hotels, butterfly houses and information specific to each garden. Pick up your Pollinator Passport at the Education Center. Students can turn in filled passports to the Education Center and receive a prize!

## *Kansas Department of Wildlife, Parks & Tourism Aquarium*

KDWPT invites visitors to take a close-up look at an impressive assortment of Kansas fish. This 3,200-gallon fresh water mobile aquarium is 40-foot-long and filled with a variety of fish collected from lakes around the region. Wildlife and Parks staff are on hand to answer questions. *Check website for location.*

## MATH/SCIENCE

### *Dr. Goddard's Lab*

**Hours and Location:** 10 a.m. 11 a.m., noon and 2 p.m. at the Education Center

Dr. Goddard's Lab is an interactive show using live rocketry demonstrations to teach force and propulsion, plus early rocket history. The lab is presented by the Cosmosphere International SciEd Center and Space Museum. It is named after Dr. Robert Goddard, an American engineer credited with creating the world's first liquid fueled rocket, which he successfully launched on March 16, 1926.

### *Math-On-A-Stick*

**Intermediate Programing** — If you think food is the only thing that comes on a stick at the Kansas State Fair, you haven't seen Math-on-a-stick! This fun learning exercise helps your students explore the fairgrounds through the lens of mathematics, angles and simple machines. Students are asked to identify and record acute, right, straight and reflex angles, which can be found throughout the Fair. Additionally, the game encourages students to identify simple machines, like wedges, screws and pulleys. Pick up math-on-a-stick at the Education Center or print at [kansasstatefair.com](http://kansasstatefair.com). Students can present their completed form at the Ed Center for a prize.

### *Basics of Electricity and Electrical Safety Demonstration*

**Hours and Location:** 9 a.m. to 1 p.m. Monday through Friday in the Ad Astra Building.

Your students' eyes will light up as they learn about circuits and voltage in the Kansas State Fair's Basics of Electricity exhibit. They can build their own electrical circuits using copper wire, D-cell batteries and a small light bulb that lights up when they are done. Along the way, they'll learn about electrons, energy and how electricity moves along an unbroken pathway.

A high-voltage demonstration by Kansas Electrical Cooperative journeyman linemen on how electricity works will energize students of all ages. Participants learn how to tell when a line is energized, see what protective gear linemen use and find out what happens to a person who comes into contact with an energized line. Plus, they learn why electricity arcs and why birds can land safely on power lines. Demonstrations are about 15 to 20 minutes in length.

## COMPETITIVE EVENTS

### *Fine Art – Classroom Category (K-12)*

**REGISTRATION DEADLINE:** Aug. 30

This is the first year classroom artwork will be displayed in the Education Center. Due to limited space, each student will be allowed **one** entry from their teacher(s). Check out the categories at [kansasstatefair.com](http://kansasstatefair.com). **Contact [jacki.eckert@ks.gov](mailto:jacki.eckert@ks.gov)** for teacher-entered school artwork. Students (with parent's help) can still enter all other artwork individually through the Fine Arts Department. **Entry deadline is Aug. 15. Contact [nicole.jaskoski@ks.gov](mailto:nicole.jaskoski@ks.gov)** for individual entries in Fine Arts.

## DEMONSTRATIONS

### *Horseback Archery and Versatility*

Brandy VonHolten reads to schoolchildren about lessons learned with her horse. **All day Tuesday, Sept. 10 at the Expo Center.**

### *Dog Agility, Rally & Meet the Breed Show*

Youth get an up close & educational experience about different dog breeds, plus dog agility & obedience. **All day Wednesday, Sept. 11 at the Expo Center.**

See more at [www.kansasstatefair.com](http://www.kansasstatefair.com)

# FIELD TRIPS FOR GRADES 6- 12

It's hard to outgrow the fun of the Kansas State Fair – older students still relish the chance to experience a change of scenery with a day to explore Kansas' Largest Classroom.

While many middle school and high school students come to the Fair for specific competitions and special events such as band, forensics or FFA, they can spend the rest of their day learning more about their world. Teachers of older students typically use the Fair to create assignments for students who can explore and find the answers in their own way. This allows students the flexibility they enjoy while still providing structure to make a day at the Fair a fun learning experience. **Be sure to register your school online at [kansasstatefair.com](http://kansasstatefair.com) for discounted admission, parking instructions and other helpful information to guide your experience.**

## CONTESTS AND EVENTS

### *Marching Band Competition*

**Bands compete Monday, Tuesday, or Wednesday of the Fair. REGISTRATION DEADLINE: September 1**

Nearly 6,000 band students attend the Kansas State Fair each year, performing in a marching competition around the fairgrounds before putting their best foot forward for a professionally judged competition at the Bretz & Young Injury Lawyers Arena. It's not only one of the most popular features during the Kansas State Fair, it's among the favorite activities for students and teachers.

### *Dance Showcase*

**Hours and Location: Noon Sunday, Sept. 15 at Bretz & Young Injury Lawyers Arena. REGISTRATION DEADLINE: Sept. 1**

School dance teams and dance studio performance groups who want to show off their dance skills can participate in the Kansas State Fair Dance Showcase. Each team/group will receive ratings per KSHSAA rules. All participants receive a ribbon, and rosettes and banners are granted to teams that earn specialty awards.

### *Debate and Forensics Showcases*

**Debate Showcase: 9 a.m. to 2 p.m. Tuesday, Sept. 10. | Forensics Showcase: 9 a.m. to 2 p.m. Thursday, Sept. 12.**

Debate & forensics demonstrations provide the chance for academic teams to hone their talents and skills. This is not a tournament but an exhibition by several of the state's top high school teams and individuals. They'll be debating the current topics in conjunction with the Kansas State High School Activities Association and showcasing winning forensics performances from spring 2019.

### *Scholastic Press Corps*

**Registration is full for 2019 – sign up for waiting list at [www.kansasstatefair.com](http://www.kansasstatefair.com).**

The Scholastic Press Corps is a yearly favorite that often fills up well before the end of the previous school year. This is a fantastic chance for students interested in print and broadcast journalism to experience work in the real world – spending one day at the Fair producing a newsletter, video or broadcast related to their Fair experience. About 250 students each year craft several story packages – including specific assignments from the Fair – which are submitted for competition.

### *Bleeding Kansas – The Lecompton Reenactors*

**Hours: 12 p.m., 2 p.m. & 4 p.m. Sunday, Sept. 8 at Lake Talbott Stage; and 11:30 a.m. at Lake Talbott Stage and 1 p.m. at Bretz and Young Injury Lawyers Arena.**

Listen, react and interact with the Lecompton Reenactors as they bring to life this turbulent time in history known as “Bleeding Kansas.” Join free state Gov. Charles Robinson and his wife Sara Robinson, radical free state leader Jim Lane, abolitionist John Brown, women's right advocates Clarina Nichols and Louise Brown, Gov. Andrew Reeder, proslavery editor John Stringfellow, border ruffian Felix Castor, Pottawatomie Creek Massacre widows Mahala Doyle and Louisa Jane Wilkinson, among others as they passionately express their feelings on the issue of Kansas slavery, both pro and con. ***“Bleeding Kansas” meets Kansas History, Government and Social Studies Standards #3.1 and 3.2: Societies are shaped by beliefs, ideas, and diversity.***

# REGISTER TODAY

Visit [kansasstatefair.com](http://kansasstatefair.com) to get details and registration information for all activities mentioned in this guide.

## QUESTIONS?

Contact **Jacki Eckert** at 620-669-3607 or [jacki.eckert@ks.gov](mailto:jacki.eckert@ks.gov) for field trip planning and questions on featured activities.  
Contact **Nicole Jaskowski** at 620-669-3621 or [nicole.jaskowski@ks.gov](mailto:nicole.jaskowski@ks.gov) for questions on individual Fine Arts registrations.



## IMPORTANT DEADLINES

### AUGUST 15

Individual Fine Arts registration due

### AUGUST 30

School Artwork registration due  
Marching Band registration due  
Dance Showcase registration due

### SEPTEMBER 6

Last day for Field Trip registration

## LEGEND



Kansas' Largest Classroom  
Little Red School House



Education Center



Polinator Garden

**KANSAS' LARGEST CLASSROOM IS PROUDLY SPONSORED BY:**



*We're Celebrating 100 Years!*

Come visit us at our new location in the Pride of Kansas building.



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The Voice of Agriculture®



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