

# 4-H School Enrichment Program

## 2021 / 2022 Fall & Spring Semester



**K-STATE**  
Research and Extension



Dear Teachers,

First, let me introduce myself; my name is Haley Kelley, I am the new 4-H Program Assistant. This is my third year coordinating the 4-H school enrichment program.

K-State Research and Extension has a long tradition of providing school enrichment programs to classrooms in Shawnee County. Again this year we are offering you exciting, hands on, educational programs to supplement your curriculum. Our programs do require a small fee to cover the cost of materials being used. We invite you to take advantage of the 4-H School Enrichment programs offered on the following pages.

Please note the dates the programs are available and place your order a month in advance if possible. Priority will be give to the orders received first. All program dates are subject to change, educators will be notified if this occurs.

Visit our website and order online or print and mail order form to the address below:

K-State Research and Extension Shawnee County

4-H School Enrichment

1740 SW Western Ave

Website: [www.shawnee.ksu.edu](http://www.shawnee.ksu.edu)

Email: [kelly13@ksu.edu](mailto:kelly13@ksu.edu)

Phone: (785) 232-0062 ext. 112

Check out these programs and the Teacher  
Resources on our website:  
[www.shawnee.ksu.edu](http://www.shawnee.ksu.edu)  
Under 4-H School Enrichment



## ***Chicken Embryology***

Grade: 2nd –3rd    Cost: \$7.00

Approximate Dates: Fall program orders must be placed by 9-14-2021. Delivery of eggs will be 9-28-2021.

Winter program orders must be placed by 1-18-2022, Delivery of eggs will be 2-1-2022.

Spring program orders must be placed by 3-8-2022, Delivery of eggs will be 3-22-2022(Tentative for Spring Break) .

Standard: NGSS 3-LS1-1;3-LS3-1

Program Includes: 1 dozen fertilized eggs, incubator, thermometer, detailed instructions, educational material, chicken book, and chicken food.

Teacher Provides: Daily observation, turning the eggs 3 times a day.

Extension Staff will deliver the program and can give a 10-15 minute presentation about what the youth can expect over the next 4 weeks upon request. Youth will learn about chicken growth and development, daily journaling, record keeping, and the responsibility involved in taking care of chickens. Youth will understand the importance of proper egg and chicken handling as well as proper hand washing.



## Ants

Grade: 1st- 4th      Cost: \$7.00

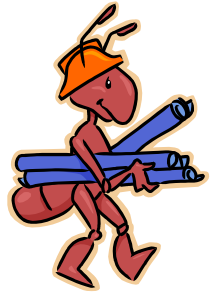
Dates: Live ants will be **delivered October 4th and April 4th** . Orders must be placed by **September 20th** to receive ants on October 4th and **March 21st** to receive ants on April 4th.

Standard : NGSS 2-LS4; 3-LS2-1; 4-LS1-1

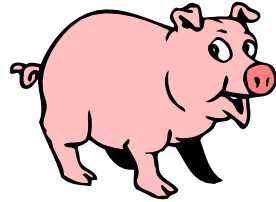
Program Includes: Ant farm, live ants, ant food, handouts, and DVD's

Teacher Provides: Daily observation, DVD player, and own sand if using a personal ant farm

The ant farms will be left for the youth to observe. Youth will observe how ants have their own complex society and rely on teamwork to build their tunnels. They will also study ant anatomy.

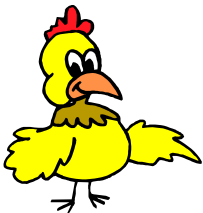


## From Farm to You



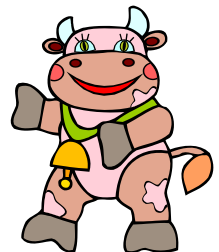
From Farm to You is a **one-day event** designed to show **second grade students** that agriculture impacts everyone from the food we eat to the clothes we wear and more! Every class gets to visit 10 learning stations taught by experts in the field of agriculture. This event fills fast!

**Look for registration information to arrive in your mailbox around February 1st.**



Date: April (Tentative)

Location: Stormont Vail Event Center



## ***Wheat Science***

Grade: 4

Cost: \$3.00 per kit (each kit serves 3 students)

Standard: KCCRS Social Studies  
Economics and MW Region content Math:  
4.MD.2



Date: **Early January OR Late January**, place order no later than **December 1** and specify your preferred time of Month.

Program Includes: One bread kit per 3 students, classroom bread making instructions, teacher handbook

Teacher Provides: **water, oil**, measuring utensils, and an **oven to bake bread in**

This program is delivered to your school office and loaned out for 2 weeks. During that time youth will learn about Kansas

## ***Butterflies***

Grade: 1st –2nd     Cost: \$6.25

Approximate Date: First Week of April  
(Around April 4th)

Standard: NGSS 1-LS1-1-2; 3-LS1-1

Program Includes: Butterfly cage, 3 Painted Lady butterfly larvae, handouts, and a DVD

Teacher Provides: Daily observation, DVD Player



Extension Staff can present a 5-10 minute talk to your class about what to expect over the 4 weeks it takes for the caterpillars to transform into butterflies upon request. The students will gain first hand knowledge of insects and the process of development from a larvae to adult. They will also gain an understanding of what insects are and how they fit into our world.





HEAD



HEART



HANDS



HEALTH

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