K-STATE Research and Extension | 4-H GROWS HERE

4-H SCHOOL ENRICHMENT PROGRAM

Shawnee County K-State Research & Extension

Fall 2022 / Spring 2023 School Year
Dear Teachers,

First, let me introduce myself; my name is Haley Kelley. I am the new 4-H Program Assistant. This is my fourth 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 given to the orders received first. We do try to reach as many students as we can with our limited number of programs. Any classroom number under 10 may be placed on a wait list. All program dates are subject to change, educators will be notified if this occurs.

Kansas State University Agricultural Experiment Station and Cooperative Extension Service.
K-State Research and Extension is an equal opportunity provider and employer.
Kansas State University is committed to making its services, activities and programs accessible to all participants. If you have special requirements due to a physical, vision, or hearing disability, or a dietary restriction please contact Grace Wiens (785) 232-0062, ext. 120.
Price: $7.00 per dozen eggs
Grade Level: 2nd- 3rd

Approximate Dates:
- Fall Program
  - Orders must be placed by 9/27/2022
  - Egg delivery 10/11/2022
- Winter Program
  - Orders must be placed by 1/17/2023
  - Eggs delivery 1/31/2023
- Spring Program
  - Order must be placed by 3/7/2023
  - Egg Delivery 3/21/2023 (Tentative for Spring Break)

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

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

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

Extension Staff 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.
2022 Program Calendar

Sept 27- Fall Chick Embryo Order Deadline
Sept 26th- Fall Ant Order Deadline
Oct 10th- Fall Ant Delivery
Oct 11th- Fall Egg Delivery
Nov 7th- Ant Pick-Up
Nov- Embryo Pick Up
Dec 1st- Wheat Science Order Deadline
Jan 5th - Early Wheat Science Delivery
Jan 17th- Winter Chick Embryo Order Deadline
Jan 23rd - Late Wheat Science Delivery
Jan 31st- Winter Egg Delivery
Feb 28th- Winter Embryo Pick-Up
Mar 7th- Spring Chick Embryo Order Deadline
Mar 20th- Spring Ant & Butterfly Order Deadline
Mar 21st- Spring Eggs Delivery
Apr 3rd- Butterfly Delivery
Apr 4th- Ant Delivery
Apr 11th- Spring Embryo Pick-Up
May 2nd- Ant & Butterfly Pick-Up
May 15th- Last Day to return all program martials
Ants

**Fall Program**
- Orders must be placed by 9/26/2022
- Live Ants delivery 10/10/2022

**Spring Program**
- Orders must be placed by 3/20/2023
- Live Ants delivery 4/3/2023

**Standards:** NGSS 2-LS4 ; 3-LS2 ; 4-LS1-1

**Program Includes:** Ants farm, live ants, ant food, handouts & DVDs

**Teacher Provides:** Daily observation & DVD Player.

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.

Wheat Science

**Price:** $3.00 per Kit
(each kit serves 3 students)

**Grade Level:** 4th

**Approximate date:**
- All Orders must be placed by December 1st
- Early January
- Late January

**Standards:** KCCRS Social Studies; Economics & MVW Region content Math;4.MD.2

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

**Teacher Provides:** Water, Oil, measuring utensils & an Oven to bake the bread.

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

Price: $6.25 per 3 caterpillars
Grade Level: 1st-2nd
Approximate date:
• Caterpillars delivery the First week of April (around April 3rd)

Standards: 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.

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
CONTACT US FOR MORE INFORMATION

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