

Order Form - **DUE BY SEPTEMBER 15**

Teacher's Name _____

Email _____

Grade _____ School _____

School Phone _____

School Address _____

City _____ State _____ Zip _____

Total number of students in your class(es) _____

Male _____ Female _____ Unknown _____

Race:	
Am. Indian/Alaskan Native	
Asian	
Black	
White	
Hawaiian/Pacific Islander	
Two or More Races	
Unknown	

Ethnicity:	
Hispanic/Latino	
Non-Hispanic/Latino	
Unknown	

PLEASE CHECK REQUESTED PROGRAMS

- ☐ Butterfly Garden _____ X \$30 = \$ _____
- ☐ Chicken Embryology _____ X \$20 = \$ _____
- ☐ Forestry
- ☐ Honey Bees

TOTAL DUE \$ _____

- ☐ **Pay by Check**
Make payable to: Johnson County Extension Council
Mail to: Nancy Carr
Johnson County Extension
11811 S. Sunset Drive, Suite 1500
Olathe, KS 66061-7057

- ☐ **Pay by Credit Card**
Email address of person to send invoice to:

4-H is America's premier youth development program. It features nearly 7 million members, 25 million alumni, and 600,000 youth and adult volunteers across the US. It is a family-oriented, non-formal education program based on developing life-skills through project-based learning to make youth successful in an ever changing society.

4-H is sponsored through the Johnson County Extension Council, in conjunction with Kansas State University, the USDA, the State of Kansas, and Johnson County Government.

Compared to their peers, 4-H youth are:

- ◆ 2X more likely to go to college or pursue secondary education
- ◆ 2X more likely to pursue careers in science
- ◆ More likely to make healthier choices, be physically active and avoid risky behaviors
- ◆ 3X more likely to give back to their communities

Community Clubs and project classes meet once a month with all members. Youth make group decisions about community service, hear presentations from guest speakers and other 4-H members, and learn leadership, citizenship, and public speaking skills. This is all done in an environment of a youth/adult relationship. Youth who turn 7-years-old before January 1 of the current 4-H year may enroll.

Special Interest (SPIN) classes are another form of 4-H in Johnson County. They are short-term programs that focus on a single, specific topic that may or may not be a typical project. SPIN classes can help provide youth and volunteers easier entry into the 4-H program. Examples of SPIN classes that have been offered in Johnson County in the past are Beekeeping, Shooting Sports, Reading, and Gardening.

If your school or organization is interested in hosting a 4-H Club, please contact our office at 913-715-7000. For more information please visit our website <https://www.johnson.k-state.edu/4-h/>.



K-State Research and Extension 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, please contact Johnson County Extension at 913-715-7000. K-State Research and Extension is an equal opportunity provider and employer.



K-STATE

Research and Extension

Johnson County

4-H School Enrichment Programs

Supplemental Youth Activities
For Educators and Leaders



Provided to you by:

Johnson County K-State Research and Extension
4-H Youth Development

4-H GROWS HERE!

Chicken Embryology

Grades: K-4
Cost: \$20 per incubator

Purpose: To observe avian embryology and transfer concepts to mammal reproduction.



During this three-week program students will learn about the development of the chicken embryo with a video and through observation during the 21-day incubation period. Eggs need to be turned hourly during the school day except on weekends.

Resources: incubator, fertilized eggs and teaching materials.

K-LS1.C, 1-LS1.A, 2-LS4.D, 3-LS1.B, 4-LS1.A



Dear Educators:

Reservation of kits is done on a first-come, first-serve basis and resources are limited. Therefore, it is important to submit your order form as soon as possible. If you missed the deadline to order, feel free to call to check on availability of the kits.

All kits meet Next Generation Science Standards for Kansas.

For questions or ordering, please contact:

Nancy Carr
School Enrichment Coordinator
Johnson County Extension Office
11811 S. Sunset Dr., Suite 1500
Olathe, KS 66061
(913) 715-7000 Fax: (913) 715-7005
Nancy.Carr@jocogov.org
www.johnson.ksu.edu

*** Is there a topic you would like us to develop a program kit for? Let us know!

Honey Bees

Grades: K-4
Cost: Free



Purpose: To help children understand the economic and biological importance of honey bees to our environment, as well as life in the hive and how it relates to people and community living. Through science & social studies, this program is designed to teach children about bees, their important role in pollination, and honey production.

Resources: teaching and student materials, Bee Study Prints, videos and Honey Bee Life Cycle Specimen.

K-LS1.C, 1-LS1.A, 2-LS2.A, 3-LS1.B, 4-LS1.D

Forestry

Grades: K-2
Cost: Free



Purpose: To develop a better understanding of the use of trees in our community and industry while giving a hands-on experience in identifying tree characteristics.

This program comes to the classroom with leaf and bark samples, a teacher's guide, and student materials. Students learn the role trees play in maintaining a quality environment. They also learn the anatomy and growth cycles of trees and how to identify common trees in our area.

K-LS1.C, K-ESS3.C, 1-LS1.A, 2-LS2.A

Butterfly Garden

Grades: K-5
Cost: \$30



Purpose: To help children study metamorphosis by observing the caterpillar's transition into a butterfly.

This program comes with an 8 oz. sealed container with 3 to 5 live caterpillars (with sufficient nutrients to complete their development), a curriculum guidebook with suggested activities, development specimen, and posters. Once you receive the larvae, it takes approximately three weeks for complete development into the adult butterflies.

NEW-Request an Extension Master Gardener speaker to come to your class and present on the importance of butterflies. Their presentation reinforces the learning objectives. If available the volunteers may bring additional caterpillars and butterflies for hands on learning.

K-LS1.C, 1-LS1.A, 2-LS2.A, 3-LS1.B, 4-LS1.A, 5-LS2.A