

# Order Form

Teacher's Name \_\_\_\_\_  
 Email \_\_\_\_\_  
 Grade \_\_\_\_\_ School \_\_\_\_\_  
 School Phone \_\_\_\_\_  
 School Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Total number of students in your class(es) \_\_\_\_\_

**DUE BY SEPTEMBER 15**

Race/Ethnicity	# of Boys	# of Girls
American Indian/Alaska Native		
Asian		
Black/African American		
Hispanic/Latino		
Native Hawaiian/Pacific Islander		
White/Caucasian		
Other (_____)		
Unsure		

**PLEASE CHECK REQUESTED PROGRAMS**

- Butterfly Garden \_\_\_\_\_ X \$30 = \$ \_\_\_\_\_
- Chicken Embryology \_\_\_\_\_ X \$20 = \$ \_\_\_\_\_
- Forestry
- Honey Bees
- Making Science Make Sense

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.

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

Community and Project Clubs meet once a month with all members. Youths 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 partnership. Youth who turn 7 before January 1 of the current 4-H year may enroll.

SPIN Clubs 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 Clubs can help provide youth and volunteers easier entry into the 4-H program. Examples of SPIN Clubs that have been offered in Johnson County in the past are Beekeeping, Archery, Reading and Gardening.

If your school or organization is interested in hosting a 4-H Club, please contact our office at 913-715-7000. Please visit our website for more information at [www.johnson.ksu.edu](http://www.johnson.ksu.edu)



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

### 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

## 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!

## 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



## 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

## Making Science Make Sense

Grades: 4-5 Cost: Free

**Purpose:** To create awareness of the importance of science literacy and foster curiosity, creativity and critical thinking through six lessons provided by Bayer Corporation on the "What, Why, Where and Who of Food." Students will be given an opportunity to experiment and perform simple tests.



4-PS3.D, 4-ESS3.A, 5-PS3.D, 5-LS1.C 5-LS2.A, 5-LS2.B

## 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

## Butterfly Garden

Grades: K-5 Cost: \$30



**Purpose:** To help children study the caterpillar's transition as it matures, changes to a chrysalis and emerges as a butterfly.

This program comes with a Display Kit, Painted Lady Butterfly development specimen, poster and video. An 8 oz. sealed container has 3 to 5 live caterpillars with sufficient nutrients to complete their development. See the different stages develop as the caterpillars grow, shed their old skins, transform into beautiful chrysalides and emerge as butterflies. A curriculum guidebook includes suggested activities, books for additional reading, learning objectives, activity sheets and a teacher's guide. Once you receive the larvae, it takes approximately three weeks for complete development into the adult butterflies.

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