

Riley County Extension School Enrichment Programs 2023-2024



**Supplemental Youth Activities
for Educators and
Community Leaders**

Dear Educators,

Our supplemental activities and kits will provide exciting hands-on lessons and activities. All of our classes/kits will be scheduled contact the **Riley County Extension Office 785-537-6350**.

Programs and resources provided by:

	Pre-K	K	1
Ant Science			
Book in a Bag		X U	X U
Chick Embryology			X
Clean Hands		X	X U
E.A.R.T.H.			
Economics		X U	X U
4-H Gardening			
Fractions and Measurement			
Frog Embryology			X
From Larva to Butterfly (spring)		X	X U
History Trunk			
Mealtime Manners	X U	X U	X U
Plants in the Classroom			X
Pumpkins			X U
Severe Weather			
Wheat Science			
X - All schools in Riley County			
U - USD 383 Manhattan-Ogden			



**Riley County Extension Office
110 Courthouse Plaza, Rm B220
Manhattan, KS 66502**

**785-537-6350
www.riley.ksu.edu**

K-State Research and Extension is an equal opportunity provider and employer and is committed to making its services, activities and programs accessible to all participants. If you have special requirements due to physical, vision, or hearing disability, or a dietary restriction please contact the Riley County Extension Office at 785-537-6350.

E.A.R.T.H.

Grades 5-8
For USD #383 - Grades 5



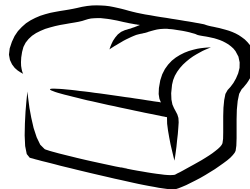
Earth Awareness Research for Tomorrow's Habitat (E.A.R.T.H.) is an environmental education program for upper elementary school students. Students learn about water, land, air, and living resources through hands-on activities and experiments. In the spring, there is a hands-on student workshop for all participants. The program includes lesson plans and the materials for all experiments and activities.

**For more information or to sign up, contact Brandy
brandy Marie@ksu.edu**

KCCRS: Earths' Systems: Earth Science: Middle School: 2.1; 3.1

Wheat Science

Grades 3-6
For USD #383 - Grade 5



Making a loaf of bread in the classroom? What better way for children to learn about the action of yeast! Each child will have a mini-loaf at the end of this experience. Included is a hat shows how wheat is grown, harvested and processed; its nutritional value and role in the world food supply, and its economic importance. Extension staff will lead this activity.

KCCRS: Matter, Energy, Organisms and Ecosystems,
Life Science: Middle School: 2.1; 3.1

learning for your students and help you meet state academic standards on a first come, first serve basis. If you have any questions, please

2	3	4	5	6
X U	X	X		
X U	X	X	X	X
X				
			X U	X
X U	X U	X U	X U	X
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	X	X	X U	X

Book in a Bag

Grades K-1

Check out a Book in the Bag program to present to your class. Each lesson will include an age-appropriate book with a nutrition theme, parent page, activity and recipe. Also provided is a lesson guide to walk you through presenting the program with ease. There may be limited availability in the fall for the 4-H Program Assistant to present these lessons. Contact us to get a list of books and to learn more.

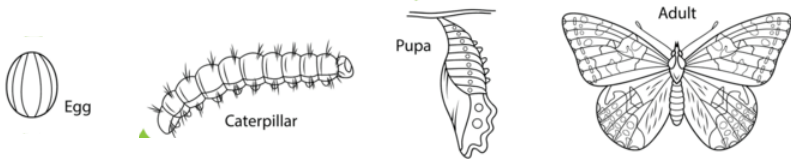


From Larva to Butterfly

Grades K-2 (One program per school, spring only)
For USD #383 - Grade 1

Watch larvae turn into butterflies in this four-week unit. The Extension office will provide a butterfly habitat and the larvae for a minimal cost.

KCCRS: Interdependent Relationships in Ecosystems
Grade 1: Life Science: 1.1; 1.2; 3.1



4-H Gardening

Grade 4 (8-week program, Fall 2022 or Spring 2023)
For USD #383 - Grade 4

A fun-filled, hands-on gardening experience for children to grow, harvest and try new and different foods. Growing fruits and vegetables at home or school provides an environment to educate youth about horticulture, nutrition, and leadership.

Students will learn: how to garden for optimum plant growth, production and food quality; how different fruits and vegetables provide essential vitamins and minerals the body needs to be healthy; and how to handle and prepare their garden harvest. The classes are taught by Extension Agents Gregg Eystone and Megan Dougherty, with assistance from Extension Master Gardener volunteers.

Lessons:

- ▶ P.L.A.N.T.
- ▶ Make Your Pick
- ▶ Planting the Garden
- ▶ Six Nutrient Categories
- ▶ Food Labels
- ▶ MyPlate Food Groups
- ▶ Garden Care
- ▶ Harvest & Celebration

KCCRS: Structure, Function and Information Processing: Life Science: 1.1



Riley County Extension programs present useful information related to agriculture, home economics, youth development, family life, business and economics, healthy living, and much more.

Our philosophy is to help people help themselves by taking university knowledge to where people live, work, play, develop, and lead. We work at being responsive to the needs of the people by focusing our resources on providing quality information, education and problem-solving programs for real concerns.

4-H
STEM Programming
Expanded Youth Programs
Volunteer Development

Soil Testing
Master Gardeners
Pest Management
Water Conservation

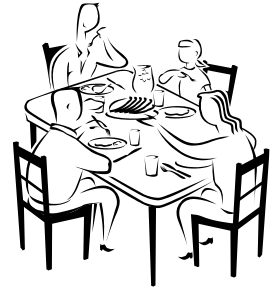
Medicare programming
VITA Tax Assistance Program
Community Development
Family Resource Management

Health
Nutrition
Food Safety
Radon Testing Kits

Water Quality
Farm Management
Youth Tractor Safety
Wildlife Damage Control

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Mealtime Manners



Grades K-2
(Fall Only)

Students will learn and practice good mealtime manners and basic table setting. Proper manners help children feel good about themselves, improve food habits and increase social skills. Having manners at mealtime creates a pleasant eating experience for everyone. This 30 minute class will be taught by Extension staff.

KCCRS: HGSS: Civics: Grade 1: Families
Grade 2: Then and Now

Clean Hands

Grades K-2
For USD #383 - Grade 1

Children learn how well they wash their hands by rubbing with special glow germ liquid, washing, and then checking their hands under an ultraviolet light to see how many spots they missed. The 45-minute program can be presented by Extension staff.

By Grade 2:
Science Standard 6 - Science in Personal and Environmental Perspectives
Benchmark 1: Indicator 1 - Engage in personal care





Pumpkins

Grades 1-3
For USD #383 - Grade 2

Students learn about the life cycle of pumpkins. The 2-week program includes a poster, book, project book, and pumpkin seeds.

KCCRS: Interdependent Relationships in Ecosystems: Life Science
Grade 2: Life Science 2.1
Grade 2: Life Science 4.1

Economics

Grades K-6
For USD #383 - Grades K-5

Grades K-2: Do you have money on your bookshelf? This 3-week program uses a variety of storybooks and lessons to teach good money management. Also included are other lessons such as the Allowance Game. Learn about economics, how it affects our lives and the world around us. Learn how to make smart economic choices.

Grades 3-6: Are you ready for the real world? Find out as you test your readiness with lessons like the Spending Game, an adapted lesson from the Real World curriculum and other activities. Learn about economics, how it affects our lives and the world around us.

HCCRS: HGSS: Economics



History Trunk

Grade 3

Discover more about the history of Riley County and Manhattan. This program includes information on communities including Ogden, Randolph, Riley, Leonardville and various Manhattan neighborhoods. It includes pictures and primary and secondary sources. This is a 3-week program.

Well known local individuals include in the History Trunk are: John Pipher, George Filinger, Edward P. Purcell, Amanda Arnold, Minnie Howell-Champe, Harry P. Wareham, Isaac T. Goodnow and Lucy Pottoff. We are in the process of adding H.W. Sikes and the Blue Valley Belles.

This program is a partnership between the Riley County Historical Museum and Riley County Extension and can be followed up by a tour of the Riley County Historical Museum, Goodnow House and Hartford House. A scholarship is available for every participating school to help cover part of the transportation cost.

KCCRS: HGGS: Grade 3: Community

Severe Weather

Grade 3

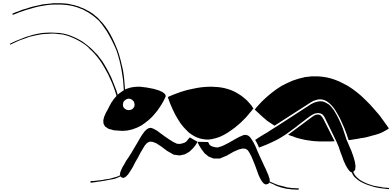
As they say if you don't like the weather in Kansas, wait a bit and it will change. Ever changing weather brings the threat of thunderstorms, tornados, snowstorms and heat. Students will learn what to do when faced with different weather situations and will learn about weather conditions they may not experience in Kansas such as hurricanes and monsoons.



Includes videos, pictures, procedures and contact information for presenters. This program is a partnership between Riley County Emergency Management and Riley County Extension. This is a 3-week program.

KCCRS: Grade 3: Science: Weather and Climate: 2.2; 3.1

Ant Science



Grades 2-4

For USD #383 - Grade 2

Using an observation ant farm will help students learn about the world within the ant colony. Additional resources include fact sheets on anatomy; the roles of male, queen, and worker ants; and the benefits/problems ants cause in agriculture industry, the home and in nature. Ants will be provided for a minimal cost.. This is a 3-week program.

KCCRS: Interdependent Relationships in Ecosystems: Life Science
Grade 2: Life Science: 4.1

Plants in the Classroom

Grades 1-3

For USD #383 - Grade 2

Six lesson plans to introduce students to the world of plants. Also included are a poster, online resources, root view kit, seeds and pellets that promote quick growth. Lessons highlighting *Farmer George Plants a Nation* and *Thomas Jefferson Grows a Nation* by Peggy Thomas are included. This is a 3-week program.



KCCRS: Interdependent Relationships in Ecosystems
Grade 3: Life Science 4.1; 4.3; 4.4

Fractions and Measurement

Grade 3

Students will develop and strengthen their knowledge of fractions and measurement through art, activities and games. Materials for activities provided. This is a 3-week program.

KCCRS: Math. Number and Operations: Fractions; 3.1; 3.2; 3.3
Measurement and Data: 2.1; 2.3; 2.4

Chick Embryology

Grades 1-6

For USD #383 - Grade 2

Watching chicks hatch is a fascinating experience for students. The Extension office provides the incubator, eggs (for a small cost), online resources, and written instructions. This is a 4-week program.

KCCRS: Interdependent Relationships in Ecosystems
Grade 2: Life Science 1.1



Frog Embryology

Grades 1-4 (One program per school,
fall and early spring only)

For USD #383 - Grades 2 - 4

Have you ever watched frog eggs change into frogs? Students will get to observe this transformation during the 9-week unit. The Extension office will provide the frog eggs (for a small cost), instructions, and activity book

KCCRS: Interdependent Relationships in Ecosystems; Inheritance and Variations of Traits: Life Cycle and Traits

Grade 3: Life Science: 1.1; 4.3; 4.4

Grade 4: Structures, Function & Information Processing: 1.1



