

Riley County Extension School Enrichment Program



Supplemental Youth Activities
for Educators and
Community Leaders

Dear Teachers:

Whether you are a new teacher or an experienced educator, you may not be aware of the excellent youth enrichment programs offered by Riley County Extension.

These educational programs can enhance the units you are teaching and provide students with engaging, hands-on learning experiences. Some programs are taught by Extension staff. Please refer to the following pages for a complete list of available programs. Each program has been assigned to one or more grade levels and aligned with the Kansas College and Career Ready Standards. If you are interested in a program designated for a different grade level, please contact us to discuss your needs.

Programs may be reserved from one week to one month, depending on the program. Most programs are provided at no cost to you. There are fees for the live materials used in the Ant Science, Butterfly, Chick Embryology, and Frog Embryology programs. These include live ants, butterfly larvae, fertile eggs, and tadpoles, respectively. Materials will be delivered directly to your school and picked up when you have completed the program. Extension staff are also available to provide assistance whenever you need it.

Several programs have a limited number of materials available, and priority will be given to requests in the order they are received. Because it can take two to three weeks to receive living materials, please submit your requests well in advance of your desired program date. This will help ensure that the materials arrive when you need them.

To register, please complete the online registration form at www.riley.ksu.edu. Look for **“Youth Enrichment Program Registration for Educators”** under **Hot Topics** at the bottom of the main page. Once program dates have been finalized, you will receive a confirmation email from Brandy, Gregg, or Lindsay.

If you have questions or would like to request a special program, please call us at **(785) 537-6350**.

We look forward to working with you and your students during the upcoming school year!

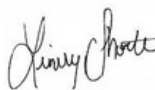
Sincerely,



Brandy Bruna
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Gregg Eyestone
Horticulture Agent
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Lindsay Shorter
Agriculture Agent
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Dear Educators,

Our supplemental activities and kits will provide exciting hands-on learning for your students and help you meet state academic standards and wellness policy requirements. All of our classes/kits will be scheduled on a first come, first serve basis. If you have any questions, please contact the Riley County Extension Office at 785-537-6350.

	Pre-K	K	1	2	3	4	5	6
Ant Science		X	X	X U	X	X		
Book in a Bag		X U	X U					
Chick Embryology			X	X U	X	X	X	X
Clean Hands		X	X U	X				
E.A.R.T.H.							X U	X U
Economics		X U	X U	X U	X U	X U	X U	X U
4-H Garden				X	X	X U	X	X
Farming in a Glove (NEW!)		X U	X U	X U				
Fraction and Measurement					X U			
Frog Embryology			X	X U	X U	X U		
From Larva to Butterfly		X	X U	X				
History Trunk				X	X U	X		
Mealtime Manners	X U	X U	X U	X U				
Plants in the Classroom			X	X U	X			
Pumpkins			X U	X	X			
Severe Weather					X U	X		
Water Cycle in a Jar (NEW!)		X U	X U	X U				
Wheat Science					X	X	X U	X
X – All school in Riley County								
U – USD 383 schools								



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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. There will be availability in the fall for the 4-H Program Assistant to present these lessons.

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

Water Cycle in a Jar

Grades K-2

Students investigate the cycling of water from liquid to water vapor and explore the processes of evaporation and precipitation in the natural world.



2-ESS2: Earth's Systems

2-ESS2-3: Obtain information to identify where water is found on Earth and that it can be solid or liquid.

2-LS2: Ecosystems: Interactions, Energy, and Dynamics

2-LS2-1: Plan and conduct an investigation to determine if plants need sunlight and water to grow.

Farming in a Glove

Grades K-2

Students observe how a seed sprouts and investigate the conditions necessary for germination to occur.



K-LS1: From Molecules to Organisms: Structures and Processes

K-LS1-1: Use observations to describe patterns of what plants and animals (including humans) need to survive.

2-LS2: Ecosystems: Interactions, Energy, and Dynamics

2-LS2-1: Plan and conduct an investigation to determine if plants need sunlight and water to grow.

2-PS1: Matter and Its Interactions

2-PS1-1: Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties

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 the 4-H Program Assistant.

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 will be presented by the 4-H Program Assistant.

By Grade 2:

Science Standard 6 - Science in Personal and Environmental Perspectives

Benchmark 1: Indicator 1 - Engage in personal care

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. Teachers are responsible for finding a home for their chicks. 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, September and March 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. Available in September and March only.

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

Economics

Grades K-6

For USD #383 - Grades K-5



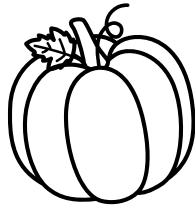
Grades K-2: Do you have money on your bookshelf? This 3-week program uses a variety of storybooks and lessons to teach good money management. Also included are other lessons such as the Allowance Game. Learn about economics, how it affects our lives and the world around us. Learn how to make smart economic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

Pumpkins

Grades 1-3
For USD #383 - Grade 2

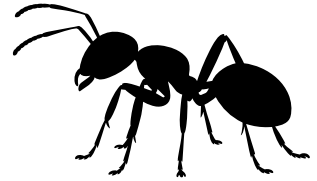


Students learn about the life cycle of pumpkins. The 2-week program includes a poster, book, project book, and pumpkin seeds.

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

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

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

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 Filingier, 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.

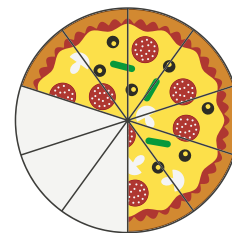
This program is a partnership between the Riley County Historical Museum and Riley County Extension and can be followed up by a tour of the Riley County Historical Museum, Goodnow House and Hartford House. A scholarship is available for every participating school to help cover part of the transportation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

KCCRS: HGGS: Grade 3: Community

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

4-H Gardening

Grade 4 (8-week program, Fall 2026 or Spring 2027)

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 Agent Gregg Eyestone with assistance from Extension Master Gardener volunteers.

Lessons:

» P.L.A.N.T.

» Make Your Pick

» Planting the Garden

» Harvest & Celebration

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



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.

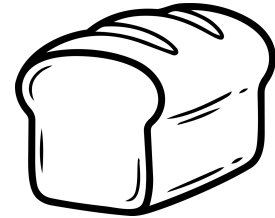
For more information or to sign up, contact Brandy brandymarie@ksu.edu

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. The 4-H Program Assistant will lead this activity.

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



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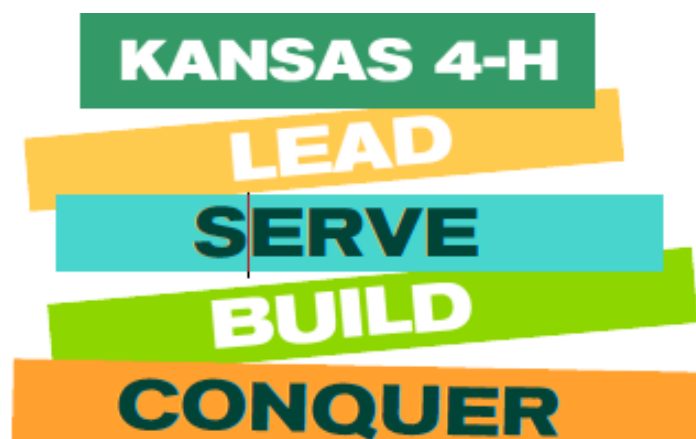
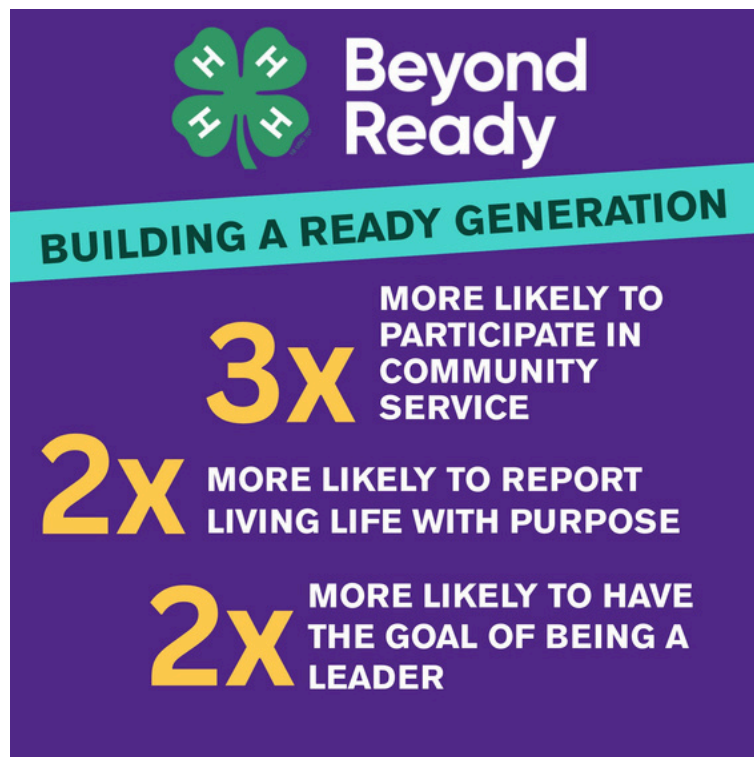
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Riley County 4-H

Helping guide youth ages 5-19 as they learn more about their community (Citizenship); be a role model and teach others (Leadership); and explore interest areas that will offer ongoing learning (Life Skills).

To learn more about Riley County 4-H and learning and leadership opportunities for youth, please contact the Riley County Extension Office 785-537-6350 or visit www.riley.ksu.edu.



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

Farm & Ranch Management
Youth Tractor & ATV Safety
Wildlife Management
Livestock Production

Riley County Extension

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