

FOUNDATION ON THE FIRST

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**Kansas
Foundation for
Agriculture in the
Classroom**

Briana Jacobus

Communications &
Marketing Specialist

briana@ksagclassroom.org



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Agri-tag

Agri-Tag license plates have two main objectives: to promote the #1 industry in Kansas and to support the statewide K-12 agriculture literacy program sponsored by Kansas Foundation for Agriculture in the Classroom. Your support will help fund

KFAC programs designed to educate Kansas youth about the importance of agriculture and the role that agriculture plays improving not only the quality of their lives, but also the future of Kansas.

Currently, we have over 1,000 Agri-tags on the road! Be a “driving” force to double the message of agricultural literacy with these moving billboards. If you or someone you know are interested in getting an Agri-tag, please visit your county treasurer’s office.

For an annual tax-deductible donation of \$35, you can help further KFAC’s mission of connecting classrooms to Kansas agriculture. The Agri-tag is the only agriculture-related specialty tag in the state. Join us in promoting Kansas’ number one industry - agriculture! [Click here for more information!](#)



Kansas Teachers Win National CHS Foundation Scholarships

Teachers from around the United States have been selected to receive scholarships from the CHS Foundation to attend the 2019 National Agriculture in the Classroom Conference ‘AgVenture in the Natural State’ scheduled for June 19-21 in Little Rock, Arkansas.

Forty K-12 teachers were selected for their desire to learn more innovative ways to use agricultural concepts to teach reading, writing, math, science and social studies and more. Onsite and traveling workshops at the conference will provide these teachers with demonstrations of how effective the use of agricultural concepts in classroom instruction can be. In addition, teachers will network with other educators who have a passion for K-12 agricultural literacy.

The following Kansas teachers will receive scholarships to the conference: Kacie Lockyear, Winfield Unified School District; Patricia Wolfe, Lakemary Cente; and Nancy Smith, Bentwood Elementary.

To learn more, view the full press release here: <http://ksagclassroom.org/2019/04/17/kansas-teachers-win-national-chs-foundation-scholarships/>.

Teacher of the Year Applications

Kansas Foundation for Agriculture in the Classroom will soon be accepting applications for the 2020 Janet Sims Memorial Teacher of the Year and Kansas Farm Bureau Foundation for Agriculture Regional Excellence in Teaching awards. The awards honor Kansas teachers who excel at incorporating agriculture into their everyday classroom curriculum. Applications are due June 30, 2019.

All K-12 district-certified Kansas teachers who currently engage in integrating agriculture into a non-vocational agriculture classroom setting are eligible for the award. Applications will be evaluated on creativity and utilization of agricultural information, interdisciplinary approach, advancement of educational standards and student impact.

The Teacher of the Year award winner will receive an all-expense paid trip to the National Agriculture in the Classroom (NAITC) convention, sponsored by High Plains Journal and AG am in Kansas. The Kansas Farm Bureau regional award winners will receive their choice of a \$600 scholarship to attend the NAITC convention or a \$200 cash prize to use toward classroom supplies, sponsored by Kansas Farm Bureau Foundation for Agriculture.

[Click here to apply!](#)



Donor Feature



This month's Donor Feature is Central National Bank. Central National Bank serves the Midwest with quality financial advice and solutions that helps make customers and the communities they serve successful. They have locations in 22 Kansas and Nebraska communities.

[Click here to visit their website!](#)

Lesson Plan Feature



Overview
Students will learn the importance of dairy products in their daily lives. This lesson plan will answer the question, "How does milk get from the farm to my table or glass?" Students will learn the sequence of producing wholesome dairy products on the farm such as milk and cream, processing and transporting safe and healthy dairy products and eating or drinking the dairy products at their table. It will also discuss food safety and the steps taken in the milk production sequence that help ensure a safe and wholesome dairy product such as disease, sea urchin, or yogurt.

Objective
1. Students will match word definitions to match words to definitions that explain the process of milk handling.
2. Students will understand the sequencing of milk production.
3. Students will understand that energy flows from the sun to plants to animals in a process known as photosynthesis to provide human food for energy.
4. Students will learn to trace of energy in a process called photosynthesis.

Background Information
Plants provide energy to animals like dairy cows in the form of carbohydrates. Forages such as alfalfa are digested in the rumen that allows ruminants to provide energy and nutrients to the dairy cow. The unique microbial digestive system allows cows to use forage sources for energy that monogastrics, like humans cannot. The dairy cow then takes nutrients from food and water to make food in the form of milk.

Almost all of the milk produced in the United States is required to be pasteurized to make it safe to consume. After the cow is milked, the milk is cooled to 45 degrees Fahrenheit and then the milk is heated before it is bottled on the farm. It is heated to bacteria and equally then heated again after being unloaded at the processing plant. At the processing plant the milk is pasteurized and homogenized and produced into cartons.

In Kansas there are approximately 310 dairy herds and 5 plants that process dairy products. There are about 137,000 milk cows in Kansas located on a mixture of 300 large and small dairy farms. Dairy in Kansas produces nearly 2.3 billion pounds of milk annually and their rank 10th in U.S. milk production. In recent years, the value of milk that Kansas produced reached nearly \$502 million and added approximately \$111 million and 402 jobs to the economy in Kansas.

www.ksagclassroom.org **Kansas Foundation for Agriculture in the Classroom**

Our Farm to Family - Dairy lesson plan is for third through fifth graders.

Students will learn the importance of dairy products in their daily lives. It will also discuss food safety and the steps taken in the milk production sequence

[Click here to view the full lesson plan!](#)

April Wrap-Up

April was full of quality time with our board of directors as they participated in committee meetings, a board meeting and finished the search for the next KFAC Executive Director. Over the next few months we will be rolling out multiple new and continuing initiatives to

further our mission of connecting classrooms to Kansas agriculture. Be on the lookout for the announcement and press release of our new Executive Director in the next week!

Briana



Kansas Foundation for Agriculture in the Classroom

1990 Kimball Avenue | Manhattan, KS 66502
www.ksagclassroom.org | (785) 320-4350