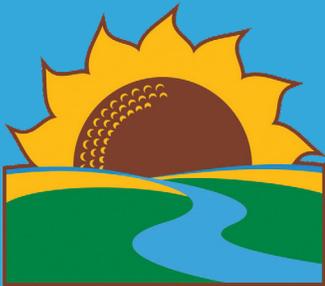


FOUNDATION ON THE FIRST

August 2018



**Kansas
Foundation for
Agriculture in the
Classroom**

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New Website



We are excited to announce the launch of our new website! We have completely redesigned our website as well as updated our lesson plans, resources and have included new Kansas Kids Connection Magazines. With the launch of our new website, we are ramping up our Pinterest. Check back next month for more information. Visit our new website at www.ksagclassroom.org!

Agritag

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!](#)



2019 Teacher of the Year



Nancy Smith, a first-grade teacher at Bentwood Elementary School in Olathe, was recently named the 2019 Janet Sims Memorial Teacher of the Year by Kansas Foundation for Agriculture in the Classroom. Smith is in her 15th year of teaching where she devotes classroom time to monthly agriculture themes including crops, livestock and equipment, technology, and agriculture careers. Her classroom is active, engaged and hands-on.

[Check out the rest of Nancy’s story here.](#)

[Check out the regional teacher winners here.](#)

Teacher Feature



This month's Teacher Feature is Lesa Searles. Lesa is a 6th grade teacher at Service Valley Charter Elementary School. Lesa's second-grade teacher, Mrs. Martin, helped Lesa decide that she wanted to pursue a career in education. Lesa is integrating agriculture into her classroom through their school garden. The students are able to learn about the growing process and are completely in charge of their garden. Lesa also brings agriculture into her classroom with the school's livestock.

"This year my students got to watch our school cows be herded into a trailer by cow dogs, then we were able to take a field trip to the sale barn and watch not only our cows, but many other cows be sold. My students got to see first-hand the many jobs and aspects other than just feeding and taking care of the cows that goes along with having animals," said Lesa.

Lesa's advice for other teachers is, "Keep doing what you love! We are shaping our future and even if we reach just one child a year we are changing the world for the better!" [Click here to read the full feature!](#)

Donor Feature



This month's Donor Feature is Kansas Wheat. Kansas Wheat is located in the Kansas Wheat Innovation Center in Manhattan, Kansas. Kansas Wheat is a premier level sponsor. Look for the Kansas Wheat Commission cookbook at the state fair in September! We appreciate your continued support! Visit Kansas Wheat at www.kswheat.com.

Lesson Plan Feature

SOYBEAN LIP GLOSS

Overview
Students will learn that crops can be used to make value-added products. The students will make lip gloss from soybean oil.

Objectives
1. Students will learn how food uses the Kansas crops.
2. Students will learn how to make a value-added product.
3. Students will learn how to extract soybean oil.

Background Information
Nearly all agricultural products must be processed to turn them into food and other products before people use them.

Many value-added products are produced from soybeans. The first soybeans had been used as a ballast for a ship from China and were valued to make rope for support the ship's mast. As the farmers started the soybean out of curiosity, in the 1830's, Henry Ford developed a soybean candle. Now soybeans can be used in a wide variety of products, ranging from plywood, particle board, printing ink, soap, car toy products, antibiotics, crayons, capsules and cosmetics.

Soybean oil is squeezed out of soybeans. The soybean oil is heated and refined before it is packaged. Soybean oil is processed into many products including snack cakes, salad dressings, margarine, fish, lubricants, adhesives and more from education. The majority of soybean oil processing is soybean meal. The most popular use for soybean meal is as poultry, fish and livestock feed, although processors also use it to make soy flour, soy protein, tofu and soybeans.

Suggested Grade Level: 3-6th
Time: 20 minutes
Subjects: Science, Math, Social Studies

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The Soybean Lip Gloss lesson plan is a great way for students to learn how value-added products are made. This lesson plan is for grades 3rd-6th. It shows students how to make lip gloss from soybean oil that they have extracted. [Click here to view this lesson plan!](#)

July Wrap-Up

July was a busy month for us here at KFAC. Cathy returned from the National Agriculture in the Classroom conference with tons of new ideas and knowledge to implement. We spent most of our time updating the new website to get it ready to launch. July is also a busy grant

proposal month for us, so Cathy and Briana did some traveling to talk with potential donors. Our school year theme rollout will be launched in the next few weeks as well, so look for that soon. Have a great start to your school year!

Briana and Cathy