

KANSAS CORN STEM TEACHER Newsletter



Meet Maizey!

“Maizey,” the Kansas Corn STEM bitmoji is here to help teachers navigate the Kansas Corn STEM website. She provides tips on various pages to help direct teachers on where to start from the selection of lessons available and providing guidance on the best way to use our resources. As more and more teachers have started using Bitmoji classrooms to virtually express their teaching environment, Kansas Corn STEM has done the same.



Maizey has her own classrooms, where teachers can follow the links within each graphic to access the lesson library, breakout boxes and various other pages on the Kansas Corn STEM website. This is a fun way to see the resources offered through the STEM program. You will also see Maizey on the Kansas Corn STEM social media and throughout different aspects of the education program. [Click here](#) to see all the classrooms available.

Seed to STEM 2021 Summer Workshops Dates Announced

Kansas Corn STEM is now accepting applications for its popular Seed to STEM summer workshops. These free workshops are for 6th through 12th grade Kansas science teachers. Teachers who are selected will practice in over 10 labs that they can use in the classroom to help students learn science and the roles science plays in agriculture. The workshop includes a farm and field visit, an ag industry dinner and a field trip to an ethanol plant. In addition, every teacher will receive \$500 worth of free lab resources, plus all onsite expenses paid. Graduate credit will also be available at a cost to the participant.

1.0 TRACKS--Middle School and High School | Application Deadline April 1, 2020
June 7-8 in Hays at Hays High School
June 10-11 in Chanute at Chanute High School

2.0 TRACKS--Middle School and High School | Application Deadline March 1, 2020
High School 2.0 track: June 7-8 in Hays
Middle School 2.0 track: June 10-11 in Chanute

High School Application

Middle School Application

Breakout Boxes for K-12 Remote Learners

Kansas Corn STEM is now offering 13 breakout boxes, at least one for each grade level! Teachers with boxes to use in the classroom have access to all the materials they need but now any teacher and student can enjoy these activities with our online version. Visit each of the breakout box lessons located in our lesson library and you will find the option to offer the activity virtually. A direct link can be sent to your students and once the student completes the activity have them take a photo of their congratulations certificate for proof that they broke out. Breakout Box lessons [available here](#).



Partnership with Nutrients for Life Foundation

Kansas Corn STEM is excited to partner with Nutrients for Life Foundation to create two new breakout box lessons. "Spread It. Grow it. Know it." is written for middle school with the focus on the 17 essential elements that are required by plants and organisms that live in soil. "Grow Your NKP Knowledge" is written for high school with the focus on the nitrogen cycle, organic and commercial fertilizers, soil horizons, soil columns, and texture triangle.

Nutrients for Life Foundation provides free science-based materials used to improve plant nutrients literacy, soil health knowledge and promotes fertilizer's role in sustaining a growing population. Plant nutrients, especially nitrogen, phosphorus, and potassium, are required to keep plants healthy thus the perfect reason why their lessons complement Kansas Corn STEM's.

To learn more about Nutrients for Life free resources visit [Nutrients for Life](#). The new breakout box lessons can be found [here](#).

Fall Seed to STEM Workshop in Sublette

The Kansas Corn Commission Seed to STEM workshop was at Sublette High School in November. The workshop provided 16 science teachers with classroom lessons and lab exercises to teach about corn, biotechnology and ethanol. Each teacher received a kit with science lab materials and equipment valued at \$500 to use in their classrooms. In the course of the two-day workshop, participants practiced specific labs such as DNA decoding; micropipetting, corn fermentation; genetic modification, nutrient testing, distillation and more.



Visit Kansas Corn STEM

New to Kansas Corn STEM? Check out all of our offerings at kansascornstem.com and request materials [here](#).

Email us at education@ksgrains.com

Kansas Corn Education Staff

Sharon Thielen, Director of Education: sthielen@ksgrains.com

Erin Rios, Education Programs Manager: erios@ksgrains.com

Kylie Lieber, Education Coordinator: klieber@ksgrains.com

Phone: 785-448-6922

Kansas Corn STEM is a program of the
Kansas Corn Commission | kscorn.com | 785-448-6922

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