

A-MAIZing Ways to Learn Using Corn Through STEAM

Presented by Sherree' Orrell, 2nd grade teacher at Anadarko Schools and 2020 finalist for AITC Teacher of the Year, and Astrid Smith, 2nd grade teacher at Anadarko.

**Tuesday July 21 Session 3 11:00-11:50
ELEMENTARY FOCUS**

A-MAIZing Ways to Learn Using Corn Through STEAM: Participants will experience CORN, a significant agricultural crop, in ways that reach all learning styles through the instructional disciplines using STEAM with accurate Ag books and various other resources to enhance learning. Literacy begins with a brief history of corn, parts of a corn stalk, and the science of growing corn. Math skills include place value, sorting, measurement, and graphing using kernels of corn and popped corn. Corn art uses colored corn kernels along with ideas on making corn cob toys. Research and engineering ideas offer extended learning opportunities.

Here is the link to the Zoom webinar session from the July 21 Morning Session 11:00-11:50 AM:

https://youtu.be/8alTU_DgC4

Here is the link for Sherree and Astrid's powerpoint presentation, which they shared during their session:

https://docs.google.com/presentation/d/1NeguxHkYbsu7_OziiyxpV1w25tmQsGRiD0bp5ZGZKdl/copy

Here is the link to Corn/Corn Free Products Images:

<https://naitc-api.usu.edu/media/uploads/2016/03/30/CornProductsPhoto.jpg>

Here is the link to Corn/Corn Free Products List:

https://naitc-api.usu.edu/media/uploads/2016/03/30/Corn_CornFree_Products.pdf

Here is the link to Corn: A Golden Treasure:

https://naitc-api.usu.edu/media/uploads/2018/03/27/Corn_A_Golden_Treasure.pdf

Here is the link to A Brief History of Corn Handout:

https://naitc-api.usu.edu/media/uploads/2018/01/12/Brief_History_Corn.pdf

Here is the link to AITC Lesson "Get Growing:"

<https://agclassroom.org/ok/lessons/primary/getgrowing.pdf>

Here is the link to AITC Lesson "Pop, Pop, Popcorn" for grades PreK-2

https://agclassroom.org/ok/lessons/corn/popcorn_prek2.pdf

Here is the link to AITC Lesson “Pop, Pop, Popcorn” for grades 3-5

https://agclassroom.org/ok/lessons/corn/popcorn_35.pdf

Here is the link to AITC Lesson “Corn Field Math and Science:”

<https://agclassroom.org/ok/lessons/corn/cornmath.pdf>

Here is the link to AITC Lesson “Punkin’ Chunkin’:”

<https://agclassroom.org/ok/lessons/pumpkins/punkin.pdf>

Here is the link to Pumpkin Catapult video:

<https://youtu.be/Q44gcKANlow>

Here is the link to the corn homepage on AITC:

https://www.agclassroom.org/ok/lessons/topic_corn.php

Here is the link to the AITC Book “Fruits, Nuts and Veggies, Oh My!”

https://agclassroom.org/ok/resources_classroom/fruits.php

Here is the link to AITC Lesson “Plant Parts We Eat:”

<https://agclassroom.org/ok/lessons/primary/parts.pdf>

Here is the link to the National AITC Lesson “Corn and A-mazing Plant: Food, Fuel, and Plastic:”

<https://agclassroom.org/ok/lessons/primary/parts.pdf>

Here is the link to the AITC Lesson “Corn Cob Toys:”

<https://agclassroom.org/ok/lessons/corn/corncob.pdf>

Here is the link to the Corn Husk Dragonfly

https://agclassroom.org/ok/resources_food/crafts/corn.php