

Awesome Agriculture

Scientific Reasoning From the Farm to the Classroom

2024 Illinois Ag in the Classroom Summer Ag Institute Presentation

FEATURED ACTIVITIES:

Apple Grafting - *Simulate the process of grafting apple trees with a few simple materials.*

How Do You Like This Apple? - *Design your ideal apple using important characteristics.*

Beef Cattle "Zine" - *Craft your own mini maga "zine" to learn more about the importance of beef cattle.*

Reading Rings - *Create a "tree cookie" to track your growth through various life events.*

It's an Earful - *Explore the anatomy of a corn kernel and learn how corn impacts our daily lives.*

Where is My Milk From? - *Discover where your dairy products come from.*

Walking Paper Horse - *Test your STEM skills to create a paper horse that walks itself down an incline.*

Pizza Process - *Create your own paper spinner to learn the sources of your favorite pizza ingredients.*

Flower Talk - *Use invisible ink markers and directional coding to learn about how flowers 'talk' to pollinators.*

Pigs, Pork, & Biosecurity - *Discover how quickly germs can spread with this fun, hands-on activity.*

Bird Beak Lab - *Explore how bird beaks have adapted to the foods they eat.*

Pumpkin Catapult - *Build a mini-catapult to launch pumpkins during harvest time.*

Soil Particles and Microscopes - *Observe and compare the three main particles that make up soil.*

Sitting on Soybeans - *Discover how Ford Motors is utilizing bio-based materials in their vehicles.*

Wad-o-Watershed - *Use simple materials to demonstrate how watersheds work.*

Unleash the Yeast - *Learn how yeast releases carbon dioxide to leaven bread in this fun experiment.*

Classroom Vermicomposting - *Make compost right in your classroom with the help of worms.*

Find all the lessons and resources from our presentation at

<https://iaitc.co/SAIresources>

