



## 2024 Ohio Agricultural Education Summer Conference

A collaborative event of Ohio Team Ag Ed  
June 11-13, 2024

Wilmington College, Wilmington, Ohio

Tuesday, June 11<sup>th</sup>

8:00- 9:30 am	<b>Registration</b> Breakfast and Coffee bar open	<b>Location:</b>
8:00-9:45 am	<b>Vendor Interaction</b> Talk with vendors about the resources they provide to support your Agricultural Education Program.	
9:00-9:30 am	<b>New Attendee Coffee Time</b> Open to pre-service and 1st, 2nd and 3rd year teachers with 1-2 representatives from each district (district chair and/or mentorship chair)	
9:45-10:45 am <b>Session 1</b>	<b>Teacher-led Lessons</b> <ol style="list-style-type: none"> <li>1) Tackling Food Product Development - Jeff Stimmell, Big Walnut DACC</li> <li>2) Running a successful Greenhouse Sale - John Kreitzer, Upper Valley Career Center</li> <li>3) SWCDs in the Classroom Grace Smith and Amanda McKay, Greene County SWCD</li> <li>4) Navigating Multiple Preps! - Adam Staley, Clear Fork HS and Lindi Kocher, Cutting Edge Curriculum</li> <li>5) Salesmanship Customer Relations - Chad McKay and Kacey Kelly, Wilmington College</li> <li>6) Hands On Telescope Design and Construction Russell W Kincaid, Wilmington College</li> </ol>	
11:00-12:00 pm <b>Session 2</b>	<b>Programming Sessions</b> <ol style="list-style-type: none"> <li>1) Accessing School Finance Payment Reports to review CTE Funding - Ryan Curtis, Ohio Department of Education and Workforce</li> <li>2) CDE Coaching and Running CDE Teams - Dr. Bowling, The Ohio State University</li> <li>3) ChapterPay: Managing Chapter Finances - Samantha Cline, Clear Fork HS</li> <li>4) The Down &amp; Dirty Of SAE Visits &amp; Evaluations - Wendi Mizer Stachler, Miami Trace HS/Great Oaks and Lora James, Benjamin Logan HS</li> <li>5) New Course Offerings - The Ohio Department of Education and Workforce</li> <li>6) Taking your Advisory Committee from a Box Checked to Checking all the Boxes! - Megan Moorman, Circleville HS PRCTC</li> </ol>	
12:15-1:15 pm	<b>Lunch</b>	
1:30-3:30 pm <b>Session 3</b>	<b>Technical Teaching Sessions</b> <ol style="list-style-type: none"> <li>1) Experiencing Floral Design - Jeffrey Stimmell, Big Walnut DACC and Carolyn Minutillo, Lavender Hill Florals</li> </ol>	



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	<ul style="list-style-type: none"> <li>2) Cattle Reproduction and Pregnancy - Josh Harris, Philo HS, and Rob Brokaw, New Lexington MS</li> <li>3) Evaluating Milk Quality Products - Dave Snyder</li> <li>4) Unconventional Agriculture - Ellen Jones, The Chef's Garden</li> <li>5) Interactive Lecture: Get More Out of Your Notes Erynn Hayes, Trotwood-Madison City Schools</li> <li>6) I Scream, You Scream, for..... Marketing! A lesson that ties a normally monotonous topic to something we all love: ice cream! Grace Dicke, Spencerville HS</li> </ul>	
<b>3:30-4:15 pm</b>	<p><b>Vendor Interaction</b> Enjoy an afternoon snack while talking with vendors about the resources they provide to support your Agricultural Education Program.</p>	
<b>4:15-5:15 pm</b> <b>Session 4</b>	<p><b>Teacher-led Lessons</b></p> <ul style="list-style-type: none"> <li>1) Learning to use AI with MagicSchool - Caleb Hickman, Utica HS</li> <li>2) Container Garden Basics - Wesley Nye, Wilmington College</li> <li>3) Agricultural Mathematics for Real - World Solutions, Chad McKay &amp; Daryl Nash, Wilmington College</li> <li>4) Interest Approaches to Mechanical Principles Project Based-Learning</li> <li>5) Improving Your Livestock Animal Science Curriculum with Hands-On Dissections - Ellyse Simpson, Southeastern HS</li> <li>6) IDEA Collaborative (Ohio FFA and Ohio FFA Foundation) Alyssa Bregel, Jena Kemmerer and Shelby Brown</li> </ul>	
<b>6:00 pm</b>	<b>Ohio FFA Foundation and OAAE Social</b>	<b>Tin Cap</b>

### Wednesday, June 12th

<b>8:15-9:00 am</b>	<p><b>Registration Open</b> Coffee bar open</p>	
<b>9:00 a.m. - 11:00 a.m.</b>  Session 5	<p><b>Technical Teaching Sessions</b></p> <ul style="list-style-type: none"> <li>1) Precision Ag and Drones in the Classroom Darrick Riggs, Southeastern High School</li> <li>2) Step by Step: Cost Estimating with Columbus State Landscape Alumni Assoc., Emmy Morrow and Dean Karbler</li> <li>3) Sweet Sheep Genetics JoAnn Pfeifer, Federal Hocking High School</li> <li>4) How ODNR can Assist you in the Classroom - Brian Motsinger, ODNR Division of Wildlife</li> <li>5) Getting into Ag Technology with Sunrise Cooperative</li> <li>6) Nutrien Ag Solutions Facility Tour - Sabina, Ohio</li> <li>7) OAAE Officers Meeting - Nicole Baumer, OAAE</li> </ul>	



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<p><b>11:00 a.m. - 11:30 a.m.</b></p>	<p><b>Vendor Interaction</b> Talk with vendors about the resources they provide to support your Agricultural Education Program.</p>	
<p><b>11:15 a.m. - 1:15 p.m.</b></p>	<p><b>Lunch with OAAE meeting</b></p>	
<p><b>1:30 p.m. - 3:30 p.m.</b>  Session 6</p>	<p><b>Technical Teaching Sessions</b></p> <ol style="list-style-type: none"> <li>1) Macroinvertebrate Collection from local waterways- Russell W Kincaid, Wilmington College</li> <li>2) Hey! There's Science in my Food! How to bring one of Ohio's biggest industries into your classroom - Jennifer Johnston, Zane Trace HS and Jaime Chenevey, West Holmes HS</li> <li>3) Implementing Floral Design - Meredith Wolfe, Oregon Clay HS</li> <li>4) Geek Out on Plants: Invasive Woody Plant and Tree ID</li> <li>5) Timber Stand Improvement (TSI), Strategies to Improve the Health and Quality of Forest Trees - Jim Harding, Ohio Forestry Association and Jim Downs, OSU Extension</li> <li>6) Simple, Soft Cheese Making - Javonne Mullins, Wilmington College</li> </ol>	
<p><b>3:30 p.m. - 4:15 p.m.</b></p>	<p><b>Vendor Interaction</b> Enjoy an afternoon snack while talking with vendors about the resources they provide to support your Agricultural Education Program.</p>	
<p><b>4:15 - 5:15 p.m.</b>  Session 7</p>	<p><b>Programming Sessions</b></p> <ol style="list-style-type: none"> <li>1) OTES 2.0, How to use High Quality Student Data (HQSD) from WebXam and AET - Ryan Curtis, Ohio Department of Education &amp; Workforce</li> <li>2) Vocabulary Doesn't Have to Be Boring: Strategies to Engage Your Students and Improve Comprehension Kellie Claflin, The Ohio State University ACEL</li> <li>3) School Board Relations and School Funding - Lori Dyer and Bill Keck, MEVSD</li> <li>4) Teaching Agricultural Exploration to Middle School - Matt Younker, Wilmington High School</li> <li>5) Vernier and Value: Maximizing resources with vernier lab tools and affordable alternatives Trisha Seckel &amp; Olivia Pflaumer, Global Impact STEM Academy</li> <li>6) The Writing Revolution: Strategies to improve writing in your classroom and journal - Sara Casto, Terri Baugh &amp; Leslie Sommers, Greenon Local Schools</li> </ol>	



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**Thursday, June 13<sup>th</sup>**

<b>8:00-9:00 am</b>	<b>Registration Open</b>	
<b>9:00 am - 3:00 pm</b>	<b>Immersive Experience</b>	<b>Location:</b>
<b>A0 Agribusiness &amp; Production Systems</b>	<b>Premier Solutions</b>	<b>9:30am 238 Melvin Road, Wilmington, OH 45177</b>
<b>A1 Industrial Power Technology</b>	<b>Bane-Welker Equipment</b>	<b>9:00am 3025 Progress Way Wilmington, OH 45177</b>
<b>A2 Animal Science &amp; Management</b>	<b>World Equestrian Center</b>	<b>9:30am 4095 OH 730 Wilmington, OH 45177</b>
<b>A3 Agriculture, Food, and Natural Resources Bioscience</b>	<b>Sugar Creek Packing Company</b>	<b>9:30am 2101 Kenskill Ave Washington Court House, OH 43160</b>
<b>A5 Horticulture</b>	<b>Bright Farms</b>	<b>9:30 am 780 Davids Drive, Wilmington, OH 45177</b>
<b>A6 Natural Resource</b>	<b>Cherrybend Pheasant Farm</b>	<b>9:30am 2326 Cherrybend Road, Wilmington, OH 45177</b>



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### SESSION DESCRIPTIONS AND CAPACITY

Tuesday, June 11th

<p><b>9:00 am - 9:30 am</b></p>	<p><b><i>New Attendee Coffee Time</i></b>  <i>Join other new teachers and new attendees to the conference to learn tips and tricks to get the most out of this professional development experience! This session is highly recommended for first-time attendees to the conference, pre-service agriculture teachers, and teachers in their first, second or third year of teaching.</i></p>	<p><b>Max Capacity 40</b></p>
<p><b>9:45 am - 10:45 am</b></p> <p>Teacher-Led Session 1</p>	<p><b><i>Teacher-Led Sessions</i></b></p> <p><b>1) Tackling Food Product Development - Jeff Stimmell, Big Walnut DACC</b>          Unleash your students' inner food scientist! This workshop for agriculture teachers dives into food product development, offering engaging activities, real-world examples, and curriculum alignment with the Science &amp; Technology of Food course and the Food Science &amp; Technology CDE. Leave with creative teaching strategies, ready-to-use scenarios, and valuable resources to inspire the next generation of food innovators!</p> <p><b>2) Running a successful Greenhouse Sale - John Kreitzer, Upper Valley Career Center</b>          Spring plant sales are a HUGE opportunity for an FFA program. Many schools are equipped with the facilities to conduct a plant sale yet not everyone knows exactly what they are doing or how to maximize their sales' potential. This course is designed to help you conduct a profitable sale that engages the students and aligns to your course standards. From ordering to container gardening and how to make them look the best, this course will help any and all make the best of their plant sale.</p> <p><b>3) SWCDs in the Classroom          Grace Smith and Amanda McKay, Greene County SWCD</b>          In this session we will be focusing on wildlife conservation by building bluebird boxes, then going more in depth on what to do with these at your school as possible research projects as well as different organizational partnerships. We will also go over other educational topics that SWCD's can provide to your classrooms, such as agriculture, soils, water, current environmental issues and more.</p> <p><b>4) Navigating Multiple Preps! - Adam Staley, Clear Fork HS and Lindi Kocher, Cutting Edge Curriculum</b>          Discover the secrets of finding a workload balance when you are faced with multiple preps in a school year. Teachers will learn how to cut down on planning time, make simple but</p>	<p><b>Max Capacity 25</b></p> <p><b>Max Capacity 25</b></p> <p><b>Max Capacity 20</b></p> <p><b>Max Capacity 25</b></p>



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	<p>effective substitute lesson plans, and discover classroom activities to keep students engaged. Participants will learn how to organize a course outline, assign materials to students from the outline and build effective assessments. Finally, the participants will experience sample activities and leave with ideas to tackle a busy classroom schedule.</p> <p><b>5) Salesmanship Customer Relations - Chad McKay and Kacey Kelly, Wilmington College</b> This session will introduce the importance of understanding the customer in agricultural sales with a focus on areas of rapport building, prospecting, and probing. Teachers will participate in an interactive activity in which they can take back to the classroom to compete with students.</p> <p><b>6) Hands On Telescope Design and Construction Russell W Kincaid, Wilmington College</b> While optical instruments are widely used in the sciences (microscopes, telescopes), retail shopping (barcode scanners), and in everyday life (glasses, contacts, rear view mirrors), the physics behind these devices is taken for granted and not widely understood by students. This session will involve a brief background on optical physics related to telescopes, instruction in design of very simple telescopes, and the opportunity to design and build a small telescope during the session using low cost, easy to find materials. Participants will leave the session with the telescopes they constructed as well as information for how they can access appropriate construction materials to replicate the experience in their own classroom.</p>	<p><b>Max Capacity 25</b></p> <p><b>Max Capacity 25</b></p>
<p><b>11:00 am - 12:00 pm</b></p> <p>Programming Session 2</p>	<p><b>Programming Sessions</b></p> <p><b>1) Accessing School Finance Payment Reports to review CTE Funding - Ryan Curtis, Ohio Department of Education and Workforce</b> Stay informed on how your career-technical education students and courses impact school funding. In this session you will learn how to access and review school finance payment reports (SFPR) to understand the state funding support your school receives.</p> <p><b>2) CDE Coaching and Running CDE Teams - Dr. Bowling, The Ohio State University</b> The preparation of CDE teams requires a unique combination of teaching and coaching strategies. The workshop will take a deep dive into successful CDE teaching, coaching, and motivational strategies. As well as preparation and practice logistics. Participants will leave the session with time tested and research supported CDE preparation strategies.</p>	<p><b>Max Capacity 25</b></p> <p><b>Max Capacity 25</b></p>



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	<p><b>3) ChapterPay: Managing Chapter Finances - Samantha Cline, Clear Fork HS</b> Educators did not go into their profession to become a treasurer or accountant. With ChapterPay you will never have to write a receipt again, worry about lost money, or spend hours manual tallying. Learn the tools of the ChapterPay platform and be ready to get time back for next school year.</p> <p><b>4) The Down &amp; Dirty Of SAE Visits &amp; Evaluations - Wendi Mizer Stachler, Miami Trace HS/Great Oaks and Lora James, Benjamin Logan HS</b> SAE Visits are a unique opportunity for Agricultural Educators to meet students where they are at and see them on their home turf. Sometimes, this can seem very daunting and intimidating. However, this session will inform attendees on how to schedule, plan, conduct, and evaluate SAE Visits. Other topics include biosecurity, AET on-line evaluations, and AET Instructor accountability. Participants will leave with an SAE Visit bag of "treats" to make their visits safe and enjoyable for all. Please plan to bring your phone, laptop, or both with access to AET (be sure to know your school AET log-in).</p> <p><b>5) New Course Offerings The Ohio Department of Education and Workforce</b> Come learn about the two new courses that will be offered during the 2024-2025 school year as well as take a look at the standards revision updates and updated course outlines. -Precision Applications in Agriculture, Food and Natural Resources (Pathways: A0, A1, A6) -Foundations of Sustainable and Innovative Agriculture (Pathways: A0, A3, A5, A6)</p> <p><b>6) Taking your Advisory Committee from a Box Checked to Checking all the Boxes! - Megan Moorman, Circleville HS PRCTC</b> We all have advisory boards that either our schools or our states require or highly recommend we have to meet funding requirements. Sometimes those meetings can be just a box you have to check but let's talk about how you can take that box checking meeting to a powerful committee that helps you meet needs you didn't know you had. We will discuss who should be on your committee, what you should present to your committee, and how to get the committee to work for you without overwhelming you or your members.</p>	<p><b>Max Capacity 25</b></p> <p><b>Max Capacity 25</b></p> <p><b>Max Capacity 25</b></p> <p><b>Max Capacity 25</b></p>
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<p><b>1:30 pm - 3:30 pm</b></p> <p>Technical Teaching Session 3</p>	<p><b>Technical Teaching Sessions</b></p> <p><b>1) Experiencing Floral Design - Jeffrey Stimmell, Big Walnut DACC and Carolyn Minutillo, Lavender Hill Florals</b>          This workshop by an AIFD-accredited designer and an agricultural educator who uses floral design in their curriculum offers hands-on experience, professional expertise, and creative design ideas and plans to engage students and connect them to agriculture. Leave with fresh inspiration, teaching resources, and the confidence to bloom in your classroom!</p> <p><b>2) Cattle Reproduction and Pregnancy - Josh Harris, Philo HS, and Rob Brokaw, New Lexington MS</b>          This session will focus on reproductive health, AI breeding, and use of ultrasound in cattle and small ruminants. The main focus will be use of ultrasound and determining pregnancy, and decreasing open periods for cattle and small ruminants using portable ultrasound.</p> <p><b>3) Evaluating Milk Quality Products - Dave Snyder</b>          Come learn how to prepare students for milk quality evaluation. Dave will teach his trusted methods for mixing samples and setting up each component of the MQP CDE. Or join him just for the cheese samples.</p> <p><b>4) Unconventional Agriculture Ellen Jones, The Chef's Garden</b>          How does 400 acres support 190 families? The Chef's Garden, in Huron Ohio, grows over 800 varieties of fruits, vegetables, grains, and meats for some of the world's best chefs and ships them to all 50 states and 17 countries. They believe that healthy soil makes for healthy food, and healthy food makes for healthy people. The entire team, including the farm's research laboratory, works hard to find ways to produce the best quality food possible.</p> <p>Attend this session to learn how this unique farm operates, and take away new ideas about agriculture. Taste obscure vegetables (that's right, this session has snacks), and walk through several hands-on plant science labs that you can implement in your classroom.</p> <p><b>5) Interactive Lecture: Get More Out of Your Notes Erynn Hayes, Trotwood-Madison City Schools</b>          Background knowledge of any concept is necessary to apply the concept. However, many students get bored taking notes and don't write down what they need to know. By incorporating technology and activities, we can help students to succeed! Participants will learn about interactive presentations such as</p>	<p><b>Max Capacity 20</b></p> <p><b>Max Capacity 20</b></p> <p><b>Max Capacity 25</b></p> <p><b>Max Capacity 30</b></p> <p><b>Max Capacity 30</b></p>
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	<p>Pear Deck and Quizizz while modeling a soil texture and soil profile activity. Attendees will learn how to work different interactive presentation programs and learn a modeling activity for both soil texture and soil profiles.</p> <p><b>6) I Scream, You Scream, for..... Marketing! A lesson that ties a normally monotonous topic to something we all love: ice cream! Grace Dicke, Spencerville HS</b> Is Marketing a boring unit for your Ag Business Course? This project will encourage students to engage in real world methods of marketing while working with one of their favorite things: ice cream!! This activity came to fruition for me while touring Jeni's Ice Cream in Columbus, Ohio. Jeni's does an incredible job of marketing their product, which led to me designing this activity where your students can do the same through product and flavor design, ad creation, photography editing, collaboration and much more! Participants will leave with all the information they need to implement this in their classroom!</p>	<p><b>Max Capacity</b> <b>25</b></p>
<p><b>4:15 -5:15 pm</b>  Teacher-Led Session 4</p>	<p><b>Teacher-Led Sessions</b></p> <p><b>1) Learning to use AI with Magic School - Caleb Hickman, Utica High School</b> Artificial Intelligence is a hot topic in the news these days. Many are wondering whether educators should use it or not and whether it should be banned in schools. You might be wondering how you can use AI to improve your teaching. In this session, I'll answer these questions and demonstrate how you can use MagicSchool to make your life easier when preparing CDE teams to develop lesson plans using AI. By the end of the session, you'll have a better understanding of how to utilize AI and MagicSchool to create effective lesson plans.</p> <p><b>2) Container Garden Basics - Wesley Nye, Wilmington College</b> Container gardens provide a simple, low-cost way to get students involved in gardening and horticulture, particularly when space is limited. In this session, you will learn about types of container gardens, including container and soil selection, watering, and fertilizer application. Teachers will also create their own edible container garden as a take-away from this session.</p> <p><b>3) Agricultural Mathematics for Real - World Solutions, Chad McKay &amp; Daryl Nash, Wilmington College</b> A hands-on presentation focused on agricultural mathematics for real-world solutions, you can expect to learn about various mathematical concepts and techniques applied to practical challenges in agriculture. Overall, the presentation will demonstrate how mathematics plays a crucial role in</p>	<p><b>Max Capacity</b> <b>25</b></p> <p><b>Max Capacity</b> <b>20</b></p> <p><b>Max Capacity</b> <b>20</b></p>



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	<p>addressing real-world challenges in agriculture, leading to more efficient, sustainable, and resilient farming practices.</p> <p><b>4) Interest Approaches to Mechanical Principles Project Based-Learning</b> Pickup tips and tricks that grab your students attention at that start of each unit of Mechanical Principles. This session will give you quick and easy ways to build excitement in the classroom before moving to the lab.</p> <p><b>5) Improving Your Livestock Animal Science Curriculum with Hands-On Dissections - Ellyse Simpson, Southeastern HS</b> Attendees will discover ways to deepen student understanding and foster a lasting appreciation for the intricacies of animal anatomy and physiology. Join us for an interactive session filled with insights, practical tips, and collaborative discussions aimed at empowering you to enhance your livestock animal science curriculum through hands-on dissections. Participants will be led through a cow's eye dissection, and leave with lab handouts for: cow's eye, ruminant &amp; monogastric systems, sheep brain, female reproductive system, chicken wing, beef kidney, and pig heart dissections.</p> <p><b>6) IDEA Collaborative (Ohio FFA and Ohio FFA Foundation) Alyssa Bregel, Jena Kemmerer and Shelby Brown</b> Do you need support and assistance to help support your students in the areas of inclusion, diversity, equity and accessibility? This session will discuss the new IDEA Collaborative and professional development cohort opportunity for all Ohio Agricultural Educators. Educators will have the opportunity to apply to participate in the cohort and if selected will receive a chapter grant to assist with implementation of the curriculum and program.</p>	<p><b>Max Capacity</b> <b>30</b></p> <p><b>Max Capacity</b> <b>20</b></p> <p><b>Max Capacity</b> <b>30</b></p>
<p><b>6:00-8:30 pm</b></p>	<p><b>Conference Social</b> Join us for a teacher social experience sponsored by the Ohio FFA Foundation! Shuttles will be available from the conference hotels to the Tin Cap and back to the hotels. Heavy hors d'oeuvres and drinks will be provided. Additionally, you will have the opportunity to network with other teachers while relaxing in an outdoor environment.</p>	<p><b>Max Capacity</b> <b>150</b></p>



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<p>9:00-11:00 am</p> <p><b>Technical Teaching Sessions 5</b></p>	<p><b>Technical Teaching Sessions</b></p> <ol style="list-style-type: none"> <li>1) <b>Precision Ag and Drones in the Classroom</b>  <b>Darrick Riggs, Southeastern High School</b>            Drones are everywhere! From the field of crop production to livestock production, drones are being used in new and innovative ways in the agriculture industry! Attendees will learn the basics of drone uses in agriculture, requirements and rules for flying drones (FAA Part 107) and time permitting, get an opportunity to fly! Participants will leave with information and tools on teaching and administering the UAV drone course, access to gain their FAA TRUST certification and resources to pursue an FAA Part 107 certificate of their own!</li>   <li>2) <b>Step by Step: Cost Estimating with Columbus State Landscape Alumni Assoc., Emmy Morrow and Dean Karbler</b>            Cost estimation is simple math made to look complicated. Give your students the opportunity they need to understand how to complete a drawing-based estimation for real world scenarios. Help them master the basics and provide practice to encourage more difficult calculations. Teachers will be given a complimentary packet of everything they need and will leave with an established lesson designed to instruct their students step-by-step.</li>   <li>3) <b>Sweet Sheep Genetics</b>  <b>JoAnn Pfeiffer, Federal Hocking High School</b>            As animal industries advance livestock through genetics, more issues and solutions are discovered. In this activity, our students will crossbreed sheep and predict which genetic diseases may show up - diseases the industry is working hard to eliminate. Be ready to get hands-on in this real-world Mendelian Genetics activity! An effective way to reinforce or practice predicting dihybrid crosses, using Punnett Squares.</li>   <li>4) <b>How ODNR can Assist you in the Classroom - Brian Motsinger, ODNR Division of Wildlife</b>            Resources available from ODNR to focus on natural resources in the classroom.</li>   <li>5) <b>Getting into Ag Technology with Sunrise Cooperative -</b></li>   <li>6) <b>Nutrien Ag Solutions Facility Tour - Sabina, Ohio</b>            Tour the state-of-the-art facility and learn about Nutrien's products and sustainable solutions. Nutrien Ag Solutions® is the retail division of Nutrien® Ltd., the world's largest crop inputs company. They provide full-acre solutions through a network of trusted crop consultants at more than 1,700 global locations.</li> </ol>	<p><b>Max Capacity 15</b></p> <p><b>Max Capacity 30</b></p> <p><b>Max Capacity 30</b></p> <p><b>Max Capacity 25</b></p> <p><b>Max Capacity 25</b>  <b>Max Capacity 25</b></p>
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	<b>7) OAAE Officers Meeting - Nicole Baumer, OAAE</b>	<b>OAAE Officers</b>
<p><b>1:30 pm - 3:30 pm</b></p> <p>Technical Teaching Sessions 6</p>	<p><b>Technical Teaching Sessions</b></p> <p><b>1) Macroinvertebrate Collection from local waterways- Russell W Kincaid, Wilmington College</b> Environmental issues are of great importance in our everyday life. In particular, the health of waterways has a direct impact on the health of local wildlife and the health of people living near the streams. One significant indicator of stream health is the population of macroinvertebrates living in the streams. During the 2023/2024 academic year, Wilmington College established the WAVE (Waterway Assessment and Vitality Enhancement) program to assess stream health in Clinton County by looking at macroinvertebrate populations, bacterial presence, water chemistry, and microplastics in streams. One of the primary indicators of stream health is the population and diversity of macroinvertebrates within streams. This workshop will involve travel to one of the active streams in the WAVE program and in-stream collection of macroinvertebrates. There could be some macroinvertebrate identification via microscope upon return to campus, but that will be time permitting.</p> <p><b>2) Hey! There's Science in my Food! How to bring one of Ohio's biggest industries into your classroom - Jennifer Johnston, Zane Trace HS and Jaime Chenevey, West Holmes HS</b> Have you ever wanted to prepare, process or preserve food with your students? Have you thought about making and marketing a food product through FFA fundraisers? Are you curious about the ways food production can connect to various agriculture courses? Then you're in the right place! During this session teachers will prepare canned salsa, dehydrated fruit, chocolate confections and grape jelly while learning the science behind these processes. Topics such as maple syrup, school gardens and meat processing will be discussed and food lab hacks and equipment sources will be shared. You might not leave as a sous chef, but you'll know how to add spice to your curriculum through this workshop!</p> <p><b>3) Implementing Floral Design - Meredith Wolfe, Oregon Clay HS</b> Teaching floral concepts can be intimidating- especially when just getting into it! During this session, teachers will learn how to make corsages- one of the skills required for students to complete during the Ohio FFA Floriculture Career Development Event and some other fun projects to do in your classroom to introduce students to floral design.</p>	<p><b>Max Capacity 20</b></p> <p><b>Max Capacity 25</b></p> <p><b>Max Capacity 20</b></p>



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	<p><b>4) Geek Out on Plants: Invasive Woody Plant and Tree ID</b> Learn how to identify a variety of invasive woody plant species using buds, twigs and stems, and participate in tree ID. During this session, we will use helpful tips and tricks for identification of invasive species, then we will take a short walk to the arboretum to complete tree ID activities.</p> <p><b>5) Timber Stand Improvement (TSI), Strategies to Improve the Health and Quality of Forest Trees - Jim Harding, Ohio Forestry Association and Jim Downs, OSU Extension</b> Timber Stand Improvement (TSI) is an important tool that foresters use to guide the composition of species and manage for different age classes in the forest. There are many reasons why foresters engage in TSI, but the guiding principle is to enhance the quality and health of the trees in the forest. This may be done to improve the value of timber, wildlife habitat, and/or aesthetics. Foresters make decisions on the role that individual trees play in the broader woodlands and then determine the role that individual trees should play in the future. The basis of TSI, then, is choosing which trees we want to provide advantages to (in terms of increased access to sunlight and growing space) and which trees we want to remove.</p> <p><b>6) Simple, Soft Cheese Making - Javonne Mullins, Wilmington College</b> Looking for a simple food or dairy science activity for your classroom? Learn how to make simple, soft cheeses with your students. In this session, you will make a soft cheese that utilizes simple low-cost ingredients. You will also learn ways this activity can be adapted to incorporate elements of product development, packaging, and quality control.</p>	<p><b>Max Capacity 30</b></p> <p><b>Max Capacity 20</b></p> <p><b>Max Capacity 15</b></p>
<p><b>4:15 -5:15 pm</b> Programming Session 7</p>	<p><b>Programming Sessions</b></p> <p><b>1) OTES 2.0, How to use High Quality Student Data (HQSD) from WebXam and AET - Ryan Curtis, Ohio Department of Education &amp; Workforce</b> This session will explore Ohio’s teacher evaluation requirements for High Quality Student Data. Demonstrate how to measure student learning (achievement and/or growth) and progress toward achieving state and local standards using WebXam and The Agricultural Experience Tracker (AET).</p> <p><b>2) Vocabulary Doesn't Have to Be Boring: Strategies to Engage Your Students and Improve Comprehension Kellie Claflin, The Ohio State University ACEL</b> Do you feel like your vocabulary instruction is dull and boring? Is integrating literacy just another item on your to-do list? This workshop will provide ready-to-use strategies and activities to</p>	<p><b>Max Capacity 25</b></p> <p><b>Max Capacity: 25</b></p>



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	<p>incorporate into your classroom to increase student comprehension and success in the agriculture classroom!</p> <p><b>3) School Board Relations and School Funding - Lori Dyer and Bill Keck, MEVSD</b> Come learn how to build positive school board relationships to support your career-technical education program from two agricultural educators who have chosen to serve their schools and community.</p> <p><b>4) Teaching Agricultural Exploration to Middle School Matt Younker, Wilmington High School</b> Teaching Middle School can be challenging, yet rewarding. When there are no specific learning standards, what should you do? Learn how I use a 7th Grade Agricultural Exploration course as an introduction to AFNR to gain student interest in the program and teach them the basics about agriculture!</p> <p><b>5) Vernier and Value: Maximizing resources with vernier lab tools and affordable alternatives Trisha Seckel &amp; Olivia Pflaumer, Global Impact STEM Academy</b> Join us for an engaging workshop, where we'll explore ways to enhance your curriculum without breaking the bank.</p> <p>In this session, you'll discover practical strategies for integrating Vernier Lab Tools alongside budget-friendly alternatives into your classroom. Highlights include hands-on demonstrations of Vernier Lab Tools and alternative options, practical tips for implementing these resources effectively, and insightful discussions on maximizing student engagement and learning outcomes.</p> <p>By the end of the workshop, you'll leave equipped with actionable insights and tangible takeaways to immediately enhance your agriculture curriculum. Whether you're looking to invest in high-tech lab tools or seeking cost-effective alternatives, this session promises to empower you to make the most of your resources and enrich your students' learning experiences.</p> <p><b>6) The Writing Revolution: Strategies to improve writing in your classroom and journal - Sara Casto, Terri Baugh &amp; Leslie Sommers, Greenon Local Schools</b> This session will provide practical and useful writing tools and strategies for the classroom. Greenon is using the Writing Revolution as a guide to improve writing throughout the district. Attendees will leave with information and ways to improve, assess and guide students in writing in their classrooms. Specific</p>	<p><b>Max Capacity 30</b></p> <p><b>Max Capacity 25</b></p> <p><b>Max Capacity 25</b></p> <p><b>Max Capacity 20</b></p>
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	instruction and strategies and discussion for how to improve AET Journal Entries.	
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### Thursday, June 13<sup>th</sup>

8:00-9:00 am	Registration Open	
9:00 am - 3:00 pm	Immersive Experience Locations/Descriptions	
A0 Agribusiness & Production Systems	<b>Premier Solutions:</b> This immersive experience will tour Premier Grain facilities. Participants will explore entrepreneurship opportunities and the development of modern day agricultural enterprises with Premier Solutions owner, John Surber.	9:30am  238 Melvin Road, Wilmington, OH 45177  Max Participants 20
A1 Industrial Power Technology	<b>Bane-Welker Equipment:</b> This immersive experience will explore how to use today's agricultural and industrial power equipment to teach electrical theory. Bane-Welker technical trainers and industrial power technology teachers are collaborating to provide production agriculture teachers an introduction to Control Area Network (CAN) Bus systems. Through this experience participants will take home lab aids and lessons to teach students the foundations of electrical theory necessary to troubleshoot today's sophisticated machines.	9:00am  3025 Progress Way Wilmington, OH 45177  Max Participants 20
A2 Animal Science & Management	<b>World Equestrian Center:</b> This immersive experience will have the opportunity to view the World Equestrian Center in a behind the scenes tour. Participants will return to the Wilmington College Equine Center to take part in a hands-on animal nutrition dissection lab, as well as learn more about equine nutrition and health.	9:30am  4095 OH 730 Wilmington, OH 45177  Max Participants 20
A3 Agriculture, Food, and Natural Resources Bioscience	<b>SugarCreek Packing Company:</b> SugarCreek is an innovative, diversified and flexible food manufacturer helping some of the industry's largest and best-known companies develop Brandworthy Food Solutions. SugarCreek's authentic culinary expertise helps drive innovation. Participants will have the opportunity to tour the Washington Court House facility where they process bacon bits, eat lunch at the antique car collection facility,	9:30am 2101 Kenskill Ave Washington Court House, OH 43160  Max Participants 20





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	and then participate in a hands-on food science lesson at Washington High School.	
A5 Horticulture	<b>Bright Farms:</b> Bright Farms’ Wilmington location is located in Clinton County- halfway between Cincinnati and Columbus. It services Ohio, northern Kentucky, and Western PA. At 120,000 square feet, this greenhouse produces one million pounds of produce per year. Spend the morning touring their operation and learn more about hydroponics and lettuce production.	9:30 am 780 Davids Drive, Wilmington, OH 45177  Max Participants: 20
A6 Natural Resource	<b>Cherrybend Pheasant Farm:</b> Spend the day on the hunting preserve to learn more about brooding, habitat and sporting of upland game birds. Our farm has been in operation as a pheasant hunting preserve since September 1, 1954. We have 640 acres in the preserve that offers pheasant, chukar and quail hunting. Sporting clays will be available throughout the day.	9:30am 2326 Cherrybend Road, Wilmington, OH 45177  Max Participants: 20