

Tuesday, June 13th

<p>9:00 am - 9:30 am</p>	<p><i>New Attendee Coffee Time</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.</p>	<p>Max Capacity 40</p>
<p>9:45 am - 10:45 am</p> <p>Teacher-Led Session 1</p>	<p><i>Teacher-Led Sessions</i></p> <p>1) Ag is STEM -Abby Campbell, Fort Frye HS Technology is ever-evolving. STEM is an education "buzzword". Check out resources on ways to incorporate both into your current class curriculum. Integrations with limited resources, and with equipment such as laser engravers, 3-D printers, and CNC machines will be shared. Leave with some strategies you can use to showcase the world of STEM through the lens of agriculture.</p> <p>2) Promoting Motivation through Coaching and Mentoring - Rachael Ramsier, The Ohio State University CFAES-ACEL Regardless of if you are working with students or a student-teacher mentee when coaching or mentoring can influence a person's motivation. This session will allow you to gain skills or tools you can implement when working with people (students or teacher mentees). This session will facilitate learners in: understanding the fundamental difference between coaching and mentoring, identifying the practical aspects of engaging in coaching and mentoring, and learning tips for motivating people through coaching and mentoring.</p> <p>3)The Crossbred Cow Lab: Discovering Cattle Genetics - Joann Pfeiffer, Federal Hocking HS & Nicole Baumer, Riverdale HS Do you need an engaging way to introduce or use EPDs and cattle genetics? What if your students could select bulls and cows, and get results of the pairings? Get ready to experience and leave with this new inquiry activity where your students can not only learn about cattle genetics but also 'discover' a well-researched and documented genetic phenomenon found in crossbreeding cattle! Hybrid vigor will be the focus of this activity.</p> <p>4) Incorporating Agriscience Fairin the Classroom & Expanding Beyond FFA Agriscience Fair - Stephanie Jolliff, Ridgemont HS & Donna Meller, Pettisville HS Have you ever wanted to design a real-world science fair project lesson for your students but were confused about where to start? Are you currently doing agriscience research in your classroom or as a student's SAE and are looking for more resources? Do you wish your students could expand their opportunities with projects at another science fair competition but do not know how?</p> <p>This session will walk participants through the integration of successfully engaging students in real-world ag issues with project-based scientific experiments in the classroom. We will also discuss collaboration across the curriculum and engaging students in SAE projects. In addition, we will explore opportunities to broaden the scope of research through other science fair competitions.</p> <p>Objectives of this session include strategies to implement agriscience research into your classroom, providing you with resources and handouts to use in your classroom, and clarifying how to expand FFA agriscience fair projects to other outlets for competition.</p>	<p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 25</p>

	<p>5) Basics on Growing Plants - Doug Wickline, Greeneview HS-GCCC Do you struggle or feel underqualified teaching about plant sciences? In this session, teachers will learn how to select pots, soil, water and plants that will be easy to maintain and possibly provide a profit for students.</p> <p>6) Enhance the officer experience with Passion Projects - Lucy Bambauer, St. Marys HS Passion projects are just what they sound- projects that are based around sharing ones passion with others. Ignite your officer team's passion by having each of them create and conduct a passion project. These projects add minimal work to the advisor workload, create new opportunities for members, involve the community, and can be replicated for years to come by other members. Add new activities to your arsenal without being the creator of them!</p>	<p>Max Capacity 25</p> <p>Max Capacity 25</p>
<p>11:00 am - 12:00 pm</p> <p>Programming Sessions 1</p>	<p>Programming Sessions</p> <p>1) OTES 2.0, How to use High Quality Student Data (HQSD) from WebXam and AET - Ryan Curtis, Ohio Department of Education 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>2) Mental Health Strategies - Krysteena Lawrence, Elmwood HS Are you stressed, anxious, or feeling burned out from your job? If so, join me in learning about the importance of your mental health in the workplace. I will share my life story, how I overcame these struggles, and what I am doing to maintain my mental health. Participants will be provided strategies they can implement into their everyday life to improve their own mental health!</p> <p>3) Profitable Funding Sources for Your Chapter - Jessica Parrish, Ohio FFA Foundation Join the Ohio FFA Foundation to learn tips and tricks on how to raise money for your FFA chapter! Learn the basics of building chapter fundraisers that are successful and profitable. You'll leave with ideas on new funding sources and tools for fundraising management. You'll also hear from fellow ag teachers as they share tips they've learned through their fundraising experience.</p> <p>4) Understanding Protected Classes in Title VI - Becky Crance, Ohio Department of Education Title IX prohibits discrimination on the basis of sex (including pregnancy, sexual orientation, and gender identity) in educational programs and activities that receive or benefit from Federal financial assistance. As a group, we will unpack gender identity and sexual orientation, and will discuss scenarios to explore best practices in supporting LGBTQIA students.</p> <p>5) Lessen Your Workload: Resources for Ag Ed Teachers & FFA Advisors - National FFA Ambassadors Katie Black, Stephanie Jolliff, Jeremy Ryan Want to alleviate your stress of finding resources and lessen your workload of program planning?</p> <p>We will provide a differentiated, self-directed dive into National FFA Resources and provide guidance to walk away with useful, pre-made materials for all experience levels of teachers. We will introduce you to the National FFA educator resources dedicated to providing high-quality, readymade materials</p>	<p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 25</p>

2023 Ohio Agricultural Education Summer Conference

A collaborative event of Ohio Team Ag Ed
June 13-15, 2023

The Ohio State University ATI, Wooster, Ohio

	<p>for your classroom. We will work with you to discover the range of resources that include classroom lessons on a variety of content, FFA program planning lesson plans, personal development guides, sub plans, and so much more.</p> <p>6) What Can OSU Extension Offer Besides 4-H? - Nic Baumer & Ryan McMichael, The Ohio State University, Extension</p> <p>Do you know your county's OSU ANR Educator? Do you know the resources that he/she can connect you with? This session will share the resources within OSU Extension Agriculture and Natural Resources that are available for free and for purchase. Extension Educators will share how these resources might be utilized in the high school Agricultural Education classroom. Resources include "Connecting e-Fields to AgScience Fair", "Helping Students Achieve a Private Pesticide License", "Earning a Commercial Pesticide License", "OSUE Agronomy Video and e-Newsletter Resources", "Enterprise Budgets in the Ag Business Class", "Teaching Soil Testing Relevant to Industry", "Custom Farming Rates and SAE's", "How Extension is Using 3D Printing" and others.</p>	<p>Max Capacity 25</p>
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<p>1:30 pm - 3:30 pm</p> <p>Technical Teaching Sessions 1</p>	<p>Technical Teaching Sessions</p> <p>1) No Better Time than Now - Creating Your Business - Dr. Chad McKay & Kacey Kelly, Wilmington College Farm and ranch families comprise less than 2% of the U.S. population. However, 100% of the population consumes agricultural goods and services. This session will introduce the steps to create your own small business or farm in an interactive way for someone with an agricultural background to someone who is new to the field!</p> <p>2) Introduction to Blueprint Reading & Basic Estimating - Ben King, The Ohio State University, ATI Learn how to navigate construction drawings and gain confidence interpreting the information they provide to the project participants. Learn to "see" the project from the drawings. Learn to identify the materials that are being used and how to quantify materials that are shown in the drawings from the symbols and abbreviations that are used throughout the drawings. Participants will navigate drawings, calculate materials needed, interpret project information, and gain a better overall understanding of the building process.</p> <p>3) Incorporating Problem-Based Learning with KnowledgeExchange - Dr. Kellie Clafin & Dara Barclay, The Ohio State University, CFAES Do you want to help your students think critically? Solve problems? Apply their learning to real-world issues? If so, this workshop will provide a foundation for incorporating problem-based learning into any course using resources from Ohio State's KnowledgeExchange from data, interviews, and other agriculture issues relevant to Ohio. You will walk away from this workshop with a template for problem-based learning to use in any course and a list of applied ideas for incorporating KnowledgeExchange into your curriculum.</p> <p>4) Chocolate Chip Cookie Lab for Conversions & Using Lab Equipment - Jeffrey Stimmell, Big Walnut HS-DACC Energy is stored in carbohydrates, fats, and proteins in food products. Those attending this session will learn about energy in food products and complete calculations to determine the number of calories in various food products.</p> <p>5) Hands On Classroom Activities with the Soybean Aphid - Maggie Lewis, The Ohio State University, OARDC The soybean aphid is an important, invasive insect pest of soybeans in Ohio and the North-Central United States. This session will provide an overview of the basic aspects of soybean aphid ecology and management and link these concepts to Ohio science learning standards. We will also work through two hands-on activities that involve the soybean aphid, including in-classroom experiments that monitor aphid population growth rates on susceptible and aphid-resistant varieties and an activity that uses starburst candies to simulate the process of selective breeding for aphid resistance genes in soybeans. Participants will leave with written protocols for implementing these classroom activities. If they are interested in working with soybean aphids in their classroom, they will also be able to contact the session instructor to arrange for delivery of a classroom aphid kit.</p> <p>6) Soil profile description - Dr. Tania Burgos, Wilmington College Attendees in this session will describe a soil profile from two different locations in the landscape. The attendees will collect soil samples and then take a soil profile to use with their students for description in the classroom.</p>	<p>Max Capacity 25</p> <p>Max Capacity 20</p> <p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 10</p>
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<p>4:15 -5:15 pm</p> <p>Teacher-Led Sessions 2</p>	<p>Teacher-Led Sessions</p> <p>1) Establishing Leadership Culture - Training your leaders & shaping your program- Eric Heeg, Blanchester HS There are countless ways to define "leadership". What is the leadership culture within your program? Would you like to change or improve it? There are two cultures: one you can control and one you can't. This workshop aims to take a glimpse at examples of organizational structure and accountability within officer teams and the impact they have on program effectiveness.</p> <p>2) Nutrients Not Ingredients- Haley Campbell, OSU Extension Nutrition is a complex topic covering a vast range of concepts. Nutrients like carbohydrates, proteins, and fats create the building blocks for complete diets to meet the needs of the animal. Objectives include understanding nutrient composition of feeds, nutritional requirements of species, and basic ration balancing. Teachers will participate in a "sweet" exercise to draw these three objectives together.</p> <p>3) Incorporating Work Based Learning and Record Keeping into Ag Courses - Krysteena Lawrence, Elmwood HS Are you looking for new ways to incorporate Work Based Learning and record keeping into your curriculum? Do you have students that have a difficult time coming up with an SAE project? In this session, teachers will learn different ways to combine all three components into your current curriculum thus helping students create an SAE project.</p> <p>4) Microbes in Food - Shelby Guthrie, Global Impact STEM Academy Food Bacteria Growth can be a dangerous and taste thing for students to experience hands on. How can we teach students to care and create their own tasty microbe growing recipe/experiment. Combined with experimental learning, and problem inquiry based implementation teachers will participate in this all-in-all experimental process. Participants will leave with their experiment, all handouts, and other ways to incorporate this in the classroom.</p> <p>5) Integrated Pest Management Plans - John Poulson, Pettisville HS & Bryan Ellis, Toledo Public HS Do you struggle with teaching integrated pest management plans? Are you frustrated with the pests that attack your greenhouse each spring? This session will provide a thorough look into utilizing biological and bio-chemical pest control in greenhouse production. It will cover both organic and conventional integrated pest management plans with different approaches to making this topic engaging in the classroom.</p> <p>6) Preparing Your Students for WebXam Assessments - Sean Hickey & Ruth Ann Falconer, OSU CETE Are you looking for a way to improve your WebXam test scores? Would you like to be part of developing the WebXam tests? If so, this session is for you! Learn techniques for developing high-quality multiple-choice assessments, discover how WebXam's reporting tools can be used to help you plan your classroom instruction, and learn about helping your student overcome testing anxiety in this jam-packed presentation! Participants will leave with resources to improve their classroom assessments and their students' test-taking skills. In addition, participants will learn how WebXam assessments are created and aligned to the new Agricultural and Environmental Systems standards and how to become involved in the process of developing new tests during the 2023–2024 school year!</p>	<p>Max Capacity 25</p> <p>Max Capacity 20</p> <p>Max Capacity 25</p> <p>Max Capacity 10</p> <p>Max Capacity 25</p> <p>Max Capacity 25</p>
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6:00-8:00 pm	<p>Conference Social Join us for a new teacher social experience sponsored by the Ohio FFA Foundation! Shuttles will be available from the conference hotels to the social at Thunderhead Pines 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 a beautiful outdoor environment.</p>	Max Capacity 120
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Wednesday, June 14th

9:00-11:00 am Technical Teaching Sessions 2	<p>Technical Teaching Sessions</p> <p>1) Outdoor Power Equipment Electrical Troubleshooting - Shaun Blosser, Ventrac by Venture Products Inc., Orrville, OH Learn from the pros. During this session teachers will experience original equipment manufacturer technician training for diagnosing electrical issues common to outdoor power equipment. Technical training instructor Shaun Blosser will share the training tips he uses for engaging a broad audience of technicians from first week on the job to twenty-year veterans. So, dial up your multimeter and put away your test lamp for this electrical troubleshooting session with Ventrac compact tractors.</p> <p>2) Microscopy and Microbial Identification - Lindsey Rueckert, South Stark Career Academy Learn how to lead your students in creating their own bacterial cultures, staining those cultures, and using the microscope for identification. These skills are useful for those teaching animal science, veterinary science, and food science</p> <p>3) Beekeeping 101 & Incorporating Apiology into FFA, SAE & the Classroom - Abbey VanTyne, Norwayne HS THIS SESSION WILL BE OFF-SITE: You will receive the address for this outdoor session after registration is completed and closer to the date of conference. It will be no more than a 7 minute drive.</p> <p>Whether you're looking to incorporate bees into your FFA program and classroom, or are just wanting to learn something new about honey production - this session has you covered. You will have the opportunity to participate in sample classroom lessons where you will learn the basic rules of beekeeping. The first hour will be spent understanding how a hive works, who the bees are, and identifying essential PPE/tools that are needed to handle a hive. There will also be a Q/A where you can learn how to incorporate a beehive as a student SAE or utilize honey as an FFA fundraiser. The second hour will be spent working with two beehives on the property where you will identify eggs, larvae, and the queen!</p> <p>This session is weather permitting and you will need to wear jeans/pants and close-toed shoes.</p> <p>4) What's Brewin in Your Rumen? Hands-on Mini Fermenter Lab - Rachel Sanders & Jese Shell, Global Impact STEM Academy With feed prices on the rise, utilizing byproducts in the diet of dairy cattle could provide farmers an opportunity to potentially reduce feed costs and improve animal performance or feed efficiency. Designed for Middle and High School learners, this hands-on lab participants will create mini-fermenters to</p>	<p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 20</p> <p>Maximum Capacity: 24</p>
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	<p>determine if a food byproduct can help maintain fermentation rates for ruminants and teach how the ruminant system functions and acts in the digestive process.</p> <p>5) Coaching your Livestock Judging Team - Seth Ebert, OSU ATI We will work through coaching strategies to help you as a coach build a more successful livestock judging program. This session will include how to confidently evaluate beef, swine, sheep and goats; building confidence of students through practical and teachable classes; creating classes that challenge students; how to structure a notebook for taking oral reasons notes; and how to properly structure a set of oral reasons.</p> <p>6) Experiencing the Envirothon - Anna Creswell, Upper Sandusky HS What is the envirothon? What do I need to know? How does it work? How can I train a team to be successful? During this session you will explore the 5 areas of the Envirothon through mini-contests and learn how to incorporate this non-FFA competition into AFNR or Environmental courses. My students love the envirothon... yours can too!</p> <p>7) OAAE Officer Meeting & Banquet Preparation - Megan Moorman, OAAE President This session is reserved for OAAE officers only.</p>	<p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 10</p>
<p>1:30 pm - 3:30 pm</p> <p>Technical Teaching Sessions 3</p>	<p>Technical Teaching Sessions</p> <p>1) Shop 101 - Logan Pyers & Sue Davis, Ridgewood HS Learn basic shop skills and create a take home project to utilize in your own classroom. This session is for the beginner teacher who is not confident in the woodshop. You will get to build a small project and receive all of the plans for it.</p> <p>2) Electrical Power 101- Cody McClain, Marysville HS Take “charge” of your electrical lessons! During this session, you will engage in hands-on learning activities and labs that you can use in your classroom to connect to real world electrical training and troubleshooting. You will BUILD and TAKE HOME your own series/parallel circuit demonstration board and ready-to-go lesson plans and lab sheets. Whether you’re a new teacher or veteran, this “energized” session will provide visual demonstration for teaching series and parallel circuits while applying Ohm’s and Watts Law. All labs and activities are aligned to Ohio agricultural education standards with a focus on mechanical principles and the (A1) Ag & Industrial Power pathway. You will leave the session feeling “amp-ed” up on teaching electrical circuits and applying Ohms and Watts law.</p> <p>3) Creative Concrete - Tricia Seckel & Olivia Pflaumer, Global Impact STEM Academy Teachers will create manageable concrete projects such as pumpkins, hypertufa pots for outdoor landscaping, and more! Teachers will take their creations with them and receive lesson plans and material lists to implement the labs into their own programs.</p> <p>4) Accessible Biotechnology Basics - miniPCR & Bailey Wagner, Fort Hayes HS Bring essential biotech methods to your classroom! In this workshop, you will build a reusable gel electrophoresis system, then use it to explore genetics through a case study based on Mendel’s peas. Participants get to keep a fixed</p>	<p>Max Capacity 20</p> <p>Max Capacity 20</p> <p>Max Capacity 25</p> <p>Max Capacity 15</p>

	<p>volume micropipette, the gel electrophoresis system, and a classroom set of reagents to run the Mendel's peas experiment again.</p> <p>5) Forest Farming: Photosynthesis and Profit - Jake Zajkowski, Cornell University Once we enter the woods, the thought of food production and agriculture leaves our minds. With significant regions of our state consisting of recreational forests, forest crops are emerging as a new market. Objectives include forest photosynthesis & production of mushrooms, nuts, and stone/tree fruit. Teachers will participate in the preparation and inoculation of their own log for shiitake mushroom production. Participants will leave with an inoculation kit and an engaging lab that will make the students think twice about where food can be grown.</p> <p>6) Water Quality - Anna Creswell, Upper Sandusky HS & Wayne Co. SWCD Teaching water quality through Stream Quality Assessment is a lot easier than it sounds! Come to this session to learn the best way to teach about water quality and to do a stream quality field trip with your students. The session will be outdoors at Grosjean Park and Apple Creek so be prepared to get in the water. Please wear appropriate clothing and closed toe shoes to be in the water).</p>	<p>Max Capacity 20</p> <p>Max Capacity 25</p>
<p>4:15 -5:15 pm</p> <p>Programming Sessions 2</p>	<p>Programming Sessions</p> <p>1) Pre-Service Teachers, Recent Grads, and First-Year Teachers: Conference Reflection & Future Planning - Whitney Short, Ohio Department of Education Open to pre-service teachers, recent Ag Ed graduates, and first-year teachers, this session will reflect on the conference and discuss plans for the upcoming school year. Attendees will develop a plan to implement what they learned throughout the week into their upcoming teaching careers.</p> <p>2) Growing Your School Farm: Ways to Start or Expand a School Farm or Land Lab - Javonne Mullins, Wilmington College and Alex DeWitt, Wayne County Career Center School farms and land labs are excellent ways to provide students with hands-on experience in livestock, plants, and even natural resources. A growing number of students are entering agriculture programs with limited agricultural backgrounds. School farms and land labs can help increase opportunities for student learning, as well as help create additional options for SAE. Come learn from teachers in the field who are managing and utilizing school farms in the agricultural education programs. Participants will leave with a better understanding of what it takes to start a school farm, as well as potential benefits, and challenges. Handouts including examples of student contracts, waivers, and ways to utilize for SAE will also be provided. <i>Takeaway: School farm planning forms and resources, copies of school farm student contracts, etc.</i></p> <p>3) Understanding Dyslexia: Emily Patterson, Lexington HS Aixelsyd... Dyslexia... A very underdiagnosed and misunderstood learning disability. Do you know what you can do to help students out who may struggle with dyslexia? What are the new laws Ohio is enacting dealing with dyslexia? Learn what it means to be dyslexic and what you can do to best help your students be successful in your classroom. Emily Patterson is a certified Wilson's Reading Instructor, dyslexic tutor, and classroom teacher with two sons who struggle with dyslexia so she can help you help your students!</p>	<p>Max Capacity 25</p> <p>Max Capacity 25</p> <p>Max Capacity 25</p>

	<p>4) An Ag Teacher’s Guide to being a genius about the things that matter and lazy about the things that don’t-Sara Casto, Greenon HS & Stephanie Jolliff, Ridgemont HS</p> <p>Feel overwhelmed, stressed or just want to throw your hands up in the air about teaching ag? Tired of hearing there needs to be a balance between family and teaching, but no real solutions? Need some processes to break the monotony of day-to-day teaching and FFA advising and trying to survive as a human?</p> <p>Well, honestly, we do not have the answers. Sorry, but we do have a concept from Kendra Adachi called Lazy Genius that we have modified for teachers that works for us. Kendra makes the statement, "Over the years, I've learned that if my worth is based on how well I do everything I should, then I am a terrible human being. So you know what I did? I quit trying so hard. And I started being a genius about the things that matter and lazy about the things that don't." It's the way to live, we would love to introduce you to ways to balance YOUR view of tasks of ag teachers and more importantly, our lives outside of teaching.</p>	<p>Max Capacity 25</p>
	<p>5) School and Classroom Safety Planning - Seth Walker and Chad Stanton, OSU CFAES</p> <p>Led by the Director of Safety & Compliance and OSU Wooster Campus law enforcement, this session will provide teachers with information to prepare both teachers and their classrooms for school safety threats.</p>	<p>Max Capacity 25</p>
	<p>6) Work Based Learning Best Practices - Jerry Swartz, Eastwood HS & Shari Anderson, Marysville HS</p> <p>Are you worried about keeping track of and reporting work based learning hours? During this session, you will be able to learn examples of how to record your students' hours and give them to your EMIS Coordinator for reporting. This can be a roundtable discussion that will allow anyone to share ideas with the group as well.</p>	<p>Max Capacity 25</p>



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 The Ohio State University ATI, Wooster, Ohio

Thursday, June 15th

<p>8:00-9:00 am</p>	<p>Registration Open Coffee bar open</p>	
<p>9:00 am - 3:00 pm</p>	<p>Immersive Experience Locations/Descriptions Six immersive experiences are offered to provide an intense industry based professional development experience. Three of the experiences require outside registration and additional cost, which are included below. Agricultural Business Foundations BriefCASE <i>Agricultural Business Foundations introduces students to business management in agriculture through practical and engaging math, reading, and writing components used to develop and improve business and employability skills. Teachers will leave the course with the curriculum and feel comfortable to teach it next school year.</i> AgXplore BriefCASE <i>AgXplore takes middle school students through an exploration of the daily impact of agriculture, introducing plants, resources, energy, and animals we use and consume due to agricultural technologies. Teachers will leave the course with the curriculum and feel comfortable to teach it next school year.</i> Greenhouse Workshop <i>This two-day workshop has options for attending one or both days. Day 1 will cover greenhouse basics, including greenhouse environment, fertilizer management, plant propagation and lesson planning. Day 2 will focus on hydroponics and pest/disease management.</i></p>	<p>GOOGLE FORMS, Outside of Teacher Central Registration.</p>
<p>A1 Industrial Power Technology</p>	<p>Applying Engine Troubleshooting through Ohio Agricultural and Industrial Power Technology Career Development Events - Shaun Blosser, Ventrac; Mike Spahr, Greene County Career Center This experience will immerse teachers in a Ventrac compact tractor dealer technician training focused around diagnosing common engine issues. Teachers will learn to apply original equipment manufacturer technician training for preparing students to troubleshoot engines in Ohio agricultural and industrial technology related career development events. Teachers will have the opportunity to demo Ventrac equipment and further develop their skills to inspire the next generation of agricultural and industrial power equipment technicians.</p> <p>9:00-12:00 Engine Troubleshooting Training 12:00-1:00 Equipment Demo Practicum</p>	<p>Max Capacity 30</p> <p>Location: Bridgeway Training Center Venture Products Inc 500 Venture Dr. Orrville, OH 44667</p> <p>Turn Left onto the South drive immediately across from Orrvilon. Gate will be open. Park on gravel lot.</p>

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<p>A2 Animal Science & Management</p>	<p>Swine Production & Management: Incorporating industry practices into the classroom - Hord Family Farms; Dr. Jacqueline Nolting, The Ohio State University, Department of Veterinary Preventive Medicine.</p> <p>Join Hord Family Farms for an opportunity to visit a viewing room of a swine birthing barn, setting up a virtual field trip experience on the research farm, and a conversation from employees about their day-to-day responsibilities and backgrounds. Hord Family Farms has been farming for over 100 years; they are passionate about sharing how they contribute to feeding people here and abroad. Teachers will learn more about why they have invested in research, company culture, related jobs, and more. Following the experience at Hord's, teachers will engage with Dr. Jacqueline Nolting from The Ohio State University College of Veterinary Medicine. She will share animal health curriculum with teachers to incorporate swine health into their high school classroom.</p> <p>9:00-12:15 pm Hord Family Farms 12:30-3:00 pm Lesson plans and classroom integration</p>	<p>Max Capacity 30</p> <p>Location: Hord Family Farms 911 OH-98 Bucyrus, OH 44820</p> <p>Tri-Rivers Career Center 2222 Marion Mt. Gilead Rd. Marion, OH 43302</p>
<p>A3 Agriculture, Food, and Natural Resources Bioscience</p>	<p>An Immersive Experience in Carcass Breakdowns and Livestock Evaluation - 3-D Meats; Dr. Lyda Garcia, Ohio State University; Marie Marty, USDA FSA</p> <p>Livestock and food production are two staples in the agricultural education classroom. This session will tie them together with evaluating livestock and carcasses. In the morning teachers will tour 3-D Meats, a packing and processing company located in Dalton, Ohio. While there, teachers will get to experience the breakdown of 1-2 carcasses and learn about where retail cuts fit into wholesale cuts. Additionally, teachers will engage with Dr. Lyda Garcia in learning more about retail cuts of meat. After lunch, teachers will get first-hand experience in learning how to accurately fill out a market grid and EPD scenario from an industry professional.</p> <p>9:00-11:00 - Tour at 3D Meats & workshop with Dr. Garcia 11:00 - Travel to OSU-Wooster campus for lunch 12:00 -2:00 pm - Market Grid and EPD Scenarios</p>	<p>Max Capacity 20</p> <p>Location: 3D Meats 14740 Lincoln Way E Dalton, OH 44618</p>