**Washington FFA Agricultural Education CDE**

**2024 Coordinator Letter**

Preparations for the 2024 WA FFA Agricultural Education CDE have begun! I am excited to share details about the event, be a resource to you as your students prepare, and welcome you back to Pullman for the 2024 Washington FFA State Convention! The purpose of the Agricultural Education Career Development Event is to provide individuals with basic skills necessary for a career as an agricultural educator. It is the hope that this event introduces and encourages students to enter the best career ever!

Due to more room space at WSU and the desire to have equal flights, a maximum of 20 students may compete at the state event. Each district may submit 2 competitors to represent their district. The remaining 2 positions along with any unfilled district positions will be filled through a lottery system. The event is divided into three components: written examination, lesson plan, and lesson plan demonstration. The written exam will consist of 25 multiple choice questions assessing students’ knowledge of agricultural education (20 questions) and this year’s content area (5 questions). **This year’s agricultural content focus area is animal systems**, so students must prepare a lesson plan on a topic within that system (excluding the finals topic). The participants will have 8-10 minutes to demonstrate a portion of their prepared lesson followed by 5 minutes of questions regarding their lesson plan and performance. **Lesson plans with associated teaching materials are due April 15, 2024.**

The top eight individuals (two from each of four flights) from the preliminary round will participate in the finals. Students will have 25 minutes to review a prepared lesson plan and teach a 13–15 minute segment of the lesson. **The 2024 Finals Lesson Plan topic is Utilizing a Pearson’s Square.** Students are **NOT** permitted to select and write their written lesson plan on this topic; this will result in disqualification.However, it is recommended that students familiarize themselves with the topic prior to the event. By doing so, they will be equipped with helpful background knowledge if selected to advance to the finals. In addition, this lesson will incorporate PowerPoint and Flipgrid as educational technologies. Students should be familiar with both.

Students will deliver their lessons in Vogel Lab Rooms 31, 35, 39, and 43. Students can see a picture and layout of the rooms at: <https://operations.cahnrs.wsu.edu/vogel-labs/> to aid in preparation. Editable templates, study materials, rules, scoring, and additional information about the event’s format can be found in the [WA FFA Ag Ed CDE Handbook](https://static1.squarespace.com/static/51a0d375e4b022d3644173ec/t/640a8aef09de197ffd727d1e/1678412528564/New%2BTemplate%2BAg%2BEd%2B2022.pdf) and on the [WA FFA website](https://washingtonffa.org/agricultural-education). Note that two additional resources have been added to the Handbook for the 2024 event:

* Talbert, B. A., Croom, B., LaRose, S. E., Vaughn, R., & Lee, J. S. (2022). *Foundations of agricultural education,* 4th Edition. Purdue University Press. [Link to purchase.](https://www.press.purdue.edu/9781612497525/)
* Thoron, A. C. & Barrick, R. K. (2022). *Preparing agriculture and agriscience educators for the classroom*. IGI Global. [Link to purchase.](https://www.amazon.com/Preparing-Agriculture-Agriscience-Educators-Classroom/dp/1668434210)

These textbooks are a valuable resource for students and would make great additions to your inventory.

Also, I am excited to announce that a $1,000 scholarship will be awarded to the first place individual! This scholarship is designed to support students pursuing an Ag Ed degree at WSU and will be awarded to that individual when admitted to the WSU College of Education their junior year.

If you have any questions, please contact me at anna.warner@wsu.edu.

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2024 Finals Lesson Plan Preparation Information

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| **Topic:** | Utilizing a Pearson’s Square |
| **Educational Tech:** | [Flipgrid](https://info.flip.com/en-us.html), PowerPoint |
| **AFNR Standards:** |
| AS.03.01. Analyze the nutritional needs of animals. AS.03.01.02.b. Correlate a species’ nutritional needs to feedstuffs that could meet those needs. AS.03.02.02.c. Select and utilize animal feeds based on nutritional requirements, using rations for maximum nutrition and optimal economic production |
| **References:** |
| Wenner, B. & Dore, M. (2023). *Nutrient classification.* Ohio 4-H Animal Sciences. Retrieved from https://ohio4h.org/sites/ohio4h/files/imce/animal\_science/Factsheets/Nutrient%20Classification%20Factsheet.pdf Van Emon, M. (2023, March 9). *Formulating animal feed rations with a Pearson Square.* Feed Additive. Retrieved from https://www.feedandadditive.com/formulating-animal-feed-rations-with-a-pearson-square/ |
| **Resources:** |
| <https://www.youtube.com/watch?v=6v27JFPaZEM><https://animalrangeextension.montana.edu/beef/articles/pearson-sqaures.html> |