Idaho Agricultural Education Invitational Handbook

Agricultural Education Career Development Event Proposal

Pilot Year – State Convention 2023

Purpose:

The purpose of the Agricultural Education Career Development Event is to provide individuals with basic skills necessary for continued education and a career as an agricultural educator. This CDE allows students to instruct a classroom/laboratory lesson in an Agriculture, Food, and Natural Resource course, and demonstrate their knowledge of the agricultural education profession, pedagogy, and instructional methods.

Proposed Event Rules

- It is highly recommended that participants wear FFA Official Dress for this event with lesson appropriate PPE if needed (i.e. lab coats, etc.)
- Each participant's lesson plan will be the result of his or her own efforts. The use of a pre-existing lesson plan from a current teacher or internet resource will result in a score of 0 on the lesson plan component of the event.
- Information, facts, working data, and classroom techniques may be secured from any source but must be appropriately documented.
- Each participant should bring at least two other FFA members from their chapter to attend and participate as a student.
- Three to five competent and impartial persons will be selected to judge the event. At least one judge should have an agricultural education background.
- Any advisor who has a student competing in a lesson event may not serve as a judge for that respective lesson event.
- For the pilot year, multiple students per chapter may compete. Based on the number of students who submit lesson plans by the deadline, the event coordinators reserve the right to invite a limited number of semi-finalists to the event based on lesson plan score.

Event Format

LESSON TOPICS

For the pilot year, students may select to instruct ANY lesson topic which aligns with the Idaho CTE Program Standards.

MATERIALS PROVIDED

- Computer with internet access
- Projector
- Presentation clicker
- Writing Utensils for Students

MATERIALS NOT PROVIDED (provided by participant)

- Instructional Tools (i.e. Flip charts, handouts, visual aids, etc.)
- Any digital files
- Any visual aids not listed above

<u>**Event Components**</u>

WRITTEN PRACTICUM- LESSON PLAN (100 pts)

- All lesson plans submitted must follow the template provided.
- Lesson plan topics should address content directly from the Idaho CTE Program Standards
- Lesson plans must be submitted in PDF format along with any supporting print materials 30 days prior to the event.
- A penalty of 50 points will be assessed by the judges scoring the lesson plans for any late submissions.
- Lesson Plan Requirements:
    - **Utilize the provided lesson plan template**
    - Font size must be 12 point using a serif (Times New Roman, Cambria, etc.) or sans serif font (Ariel, Calibri, etc.)
    - Follow the most current APA style guide for developing a reference list.
    - Include ALL handouts, visuals, and teaching materials, used to implement the lesson following the lesson plan.
        - Online resources (i.e. YouTube videos, websites visited during the lesson) should be included as <u>active</u> hyperlinks in the lesson plan document
    - After the event, all submitted lesson plans will be posted in the UIdaho Ag Ed Curriculum Drive
- Lesson Plan Submission
    - The lesson plan along with all supporting materials will be emailed IN PDF form to the event superintendent (klsmith@uidaho.edu) by March 15th.
        - Lesson components may be emailed as separate files (i.e. lesson plan as a separate file from worksheet)
        - Tips for saving a PowerPoint as a PDF can be found here

KNOWLEDGE PRACTICUM- WRITTEN EXAM (50 pts- see comment)

- Fifty (50) multiple choice questions will be given to each participant.
    - Twenty-five (25) questions will address teaching and learning in agricultural education.
    - Twenty-five (25) questions will address content area knowledge relevant to the AFNR content areas
    - The exam will be based on the listed resources.

PERFORMANCE PRACTICUM- LESSON PLAN DEMONSTRATION (250 pts)

- Participants will have 5 minutes to set up materials for their presentation.
- Additional FFA members will be used as the student participants in the demonstration.
    - Students will be informed of the class/grade level listed on the lesson plan
- Presentation judges will be furnished with copies of the participants' lesson plan, which they will use to formulate questions and follow the lesson.
- Participants will have 10-12 minutes to demonstrate a portion of their lesson plan.
    - All presentations must include:
        - Lesson Introduction: Interest approach, sharing objectives, and recall of prior knowledge
        - Lesson Conclusion: wrap up of content, review objectives, and set up for next class session

- ▪ The presenter can "fast-forward" through the lesson plan and may state where their demonstration is in the plan with no penalty from the judges
  - i.e. "We will assume that we have already completed the short notes section in the lesson plan and move now to the lab procedures"
- A participant will be permitted to use their lesson plans, but deductions in scoring may be made for this practice if it detracts from the effectiveness of the lesson.
- A designated timekeeper will record the time used by each participant in delivering his or her lesson. Students will receive a 2-minute warning after 12-minutes have elapsed.
- Following the presentation, participants will answer up to 5 minutes of questions that judges develop based on their lesson plan and performance. Questions shall pertain directly to the participant's lesson. (50 points of the lesson plan demonstration will be allotted to questions)

Scoring

- Event scores will be calculated as follows
  - Written plan   Average of judges scores'   100 pts
  - Knowledge Exam   Raw score   50 pts
  - Lesson Demonstration Average of judges scores'   250 pts

  Total Score   400 pts

TIEBREAKERS

Ties will be broken based on the greatest number of low ranks, then by lesson delivery rank, then by written exam scores.

REFERENCES

- CDE Resource Google Drive: https://drive.google.com/drive/folders/16c3nQvHvfTfFWRZi8DnZfaV9TdhRcoC-?usp=share_link
- NAAE Teach Ag Campaign & Information
  - https://www.naae.org/teachag/
- Danielson Framework for Teaching
  - https://danielsongroup.org/the-framework-for-teaching/
- Gagne's Nine Events of Instruction
  - https://educationaltechnology.net/gagnes-nine-events-of-instruction/
- Classroom Management Tools
  - Marzano, R. J., Marzano, J. S., & Pickering, D. (2003). *Classroom management that works: Research-based strategies for every teacher*. ASCD.

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Lesson Plan Rubric- 100 pts

Category	Points Possible	Points Earned
Basic Lesson Information		
Information The Title, Length of lesson, course, and learner background are clearly defined. The Idaho CTE Program Content Standards are listed and align with lesson.	5	
Objectives Objectives are correctly written and accurately describe what students will be able to know/do at the outset of the lesson	10	
Materials Materials needed for students are clearly outlined including the quantity and source	5	
Lesson Introduction		
Interest Approach Lesson plan clearly addresses how student interest in the topic will be obtained.	10	
Recall of Prior Knowledge Introduction focuses on both prior knowledge of students and felt need related to the lesson topic	5	
Stated Objectives Lesson plan includes notation of how/where/when objectives will be shared with students	5	
Content		
Content Knowledge Lesson includes accurate information at appropriate level based on learner background.	15	
Complete & Coherent Instruction Learning activities are aligned to objectives and are appropriate for learner background.	15	
Assessment Students will be able to show what they have learned based on information in the lesson content. There is clear evidence of the instructor assessing student knowledge.	10	
Lesson Closure		
Closure Closure activity summarizes the lesson and revisits the main	10	
Wrap-Up The main ideas are revisited in the closure and allow time for students to reflect, self-assess, and prepare for next lesson	10	
Total	100	

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Lesson Delivery Rubric- 250 pts

Category	Points Possible	Points Earned
Planning & Preparation		
Content Knowledge Demonstrates knowledge of content in both printed materials and comments through the lesson	25	
Gaining Attention Interest approach is included which helps gain the attention of learners prior to instructing content. Interest approach is tied to content of lesson.	10	
Inform learners of the Objectives Sets instructional outcomes and shares objectives with students	10	
Recall of Prior Knowledge Students are reminded of prior knowledge in the area. Students are informed of the importance of lesson topic & connection to other content	10	
Lesson Flow Instruction flows in a logical manner between learning activities. Lesson closure appropriately revisits lesson and sets stage for continued learning in subsequent lessons.	10	
Classroom Environment		
Establishes a Culture for Learning Creates an environment of respect and rapport between teacher and students and between students. Sets appropriate classroom procedures	15	
Manages Student Behavior Sets behavioral expectations. Employs proactive management strategies and has appropriate response to misbehavior.	15	
Manages Learning Environment Appropriately manages transition time, materials, and arranges space in a way that is conducive to student engagement and lesson components	10	
Instructional Methods		
Communication Clearly communicates with students, gives concise directions, interacts with all students	25	
Questioning Uses questioning appropriately to stimulate student learning and assess performance toward objectives	15	
Student Engagement Students are actively engaged in the learning process and given the opportunity to participate fully in the lesson.	25	
Monitoring Student Learning Formative and summative assessment tools are used to monitor student progress toward learning goals. Assessments are completed on individual and group levels	15	
Demonstrating Flexibility and Responsiveness Uses feedback from students to adjust learning and activities to meet student needs and learning levels.	15	
Lesson Presentation Total	200	

Category	Points Possible	Points Earned
Response to Questions		
Presentation Clarification Responses to questions about lesson presentation demonstrate knowledge of pedagogy and learners. Complete answers are given to clarify the components of instruction used in the lesson.	50	
Questions Total		
Presentation Total (from previous page)	200	
Total Score	**250**	

Comments:

Idaho Agricultural Education CDE Lesson Plan Template
LESSON PLANS MUST BE SUBMITTED ON THIS TEMPLATE

Basic Lesson Information

Teacher Name	
School/Chapter	
Lesson Title	
Length of Lesson	50 minutes
Course	
Learner Background	
Daily Objectives: Students will be able to…	
Materials Needed	

Basic Lesson Information

Interest approach		
Content Outline	Students will…	Teacher will…

Objective 1: (insert objective) *For this objective, include the components of presenting the stimulus, formative assessment, and feedback components*		
Content Outline	Students will…	Teacher will…

Objective 2: (insert objective) *For this objective, include the components of presenting the stimulus, formative assessment, and feedback components*		
Content Outline	Students will…	Teacher will…

Objective 3: (insert objective) *For this objective, include the components of presenting the stimulus, formative assessment, and feedback components*		
Content Outline	Students will…	Teacher will…
Lesson Closure		

Content Outline	Students will…	Teacher will…

Formative Assessments included in this lesson

Objective	Formative assessments (how will you know students are meeting the objective?)
1-	
2-	
3-	

*add additional lines if the lesson contains more than 3 objectives

Summative Assessments for objectives included in this lesson

Objective	What do you envision as the summative assessment for this objective?
1-	
2-	
3-	

*add additional lines if the lesson contains more than 3 objectives

Modifications for Diverse Learners

Objective	Potential modificiations
1-	
2-	
3-	