NATIONAL
FFA ORGANIZATION

Agriscience Fair Standards Crosswalk

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Performance Measurement Levels	Event Activities Addressing Measurements	Related Academic Standards
CS.01.01. Performance Indicator: Action: Exhibit the skills and competencies needed to achieve a desired result.		Social Studies: 4d and 4h
CS.01.01.03.c. Implement an effective project plan.	Project execution	
CS.01.01.07.b. Use a variety of strategies to evaluate goals (e.g., observe, apply, and demonstrate).	Written report	
CS.01.01.02.c. Assess outcomes to determine success for a task.	Written report	
CS.01.06. Performance Indicator: Continuous Improvement: Pursue learning and growth opportunities related to professional and personal aspirations.		Science: A4 Language Arts: 8 Social Studies: 4h
CS.01.06.04.b. Evaluate the effectiveness of current technologies.	Project planning and execution	
CS.01.06.04.c. Make recommendations to adopt new emerging technologies.	Written report	
CS.02.04. Performance Indicator: Mental Growth: Demonstrate the effective application of reasoning, thinking, and coping skills.		Math: 6C Science: A4 Language Arts: 4 and 8
CS.02.04.02.a. Explore tools used in creative problem-solving.	Project planning and implementation	
CS.03.01. Performance Indicator: Communication: Demonstrate oral, written and verbal skills.		Language Arts: 4, 5 and 12
CS.03.01.01.a. Use basic technical and business writing skills.	Written report	
CS.03.01.03.c. Make effective business presentations.	Interview and display board	
CS.03.02. Performance Indicator: Decision Making – Analyze situations and execute an appropriate course of action.		
CS.03.02.01.c. Make decisions for a given situation by applying the decision making process.	Project execution and design	
CS.03.02.02.c. Use problem-solving skills.	Project execution	
CS.03.02.03.a. Differentiate between ethical and unethical behavior.	Project planning and execution	
CS.05.03. Performance Indicator: Research geographical data related to AFNR systems.		Math: 5C Language Arts: 4 Social Studies: 3c and 3e
CS.05.03.01.a. Present resource data in graphic format.	Written report and display board	
CS.11.01. Performance Indicator: Recognize the questions and theory needed to guide scientific investigations.		Math: 6C Science: A1 and A2
CS.11.01.a. Formulate a testable hypothesis.	Project planning and execution	
CS.11.01.01.b. Design and experiment to test a hypothesis.	Project planning and execution	
CS.11.01.01.c. Demonstrate procedures and a conceptual understanding of scientific investigation.	All elements	

CS.11.02. Performance Indicator: Design and conduct a scientific investigation.		Math: 6C Science: A1 and A2 Language Arts: 7
CS.11.02.01.a. Design an experiment or scientific inquiry for a specific project.	Project planning	
CS.11.02.01.b. Implement an experimental design to test a formulated hypothesis.	Project execution and design	
CS.11.02.01.c. Propose additional studies based on the results of an experiment.	Written report, interview, and display board	
ESS.01.01. Performance Indicator: Analyze and interpret samples.		Math: 1A, 1B, 4A and 5B Science: A2
ESS.01.01.01.a. Identify sample types and sampling techniques, explain the importance of unbiased sampling and collect samples.	Project planning and execution, written report, and interview	
ESS.01.01.01.c. Analyze and interpret results of sample measurements.	Project execution and written report	