

## Appendix A: AFNR Career Cluster Content Standards-**Agricultural Communications**

	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.01.01.01.c. Work independently and in group settings to accomplish a task.	All (media plan, presentation, practicums, quiz)	
	CS.01.01.03.c. Implement an effective project plan.	Media plan	
	CS.01.01.04.b. Use appropriate and reliable resources to complete an action or project.	Media plan and practicums	
	CS.01.01.06.c. Develop strengths and talents of team members so that all can achieve success.	Media plan and presentation	
	CS.01.01.07.b. Use a variety of strategies to evaluate goals. (e.g., observe, apply and demonstrate).	All (media plan, presentation, practicums, quiz)	
CS.01.02. Performance Indicator: Relationships: Build a constituency through listening, coaching, understanding and appreciating others.			
	CS.01.02.02.b. Utilize communication skills to collaborate in a group setting.	Media plan and presentation	
	CS.01.02.04.b. Establish team ground rules for expected individual behaviors on the team.	Presentation	
CS.01.03. Performance Indicator: Vision: Establish a clear image of what the future should look like.			Social Studies: 4a, 4d and 4h
	CS.01.03.01.b. Utilize visioning skills to develop a plan.	Media plan	
	CS.01.03.02.c. Create a plan of action to complete a task based on a conceptualized idea.	Media plan	
CS.01.05. Performance Indicator: Awareness: Desire purposeful understanding related to professional and personal activities.			Language Arts: 1; Social Studies: 1e, 4e, 10b and 10j
	CS.01.05.01.c. Articulate current issues that are important to the local, state, national and global communities.	Media plan, presentation, practicums	
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.01.06.03.c. Use problem solving strategies to solve a professional or personal issue.	Media plan and presentation	
	CS.01.06.04.b. Evaluate the effectiveness of current technologies.	Media plan and practicums	
CS.02.02. Performance Indicator: Social Growth: Interact with others in a manner that respects the differences of a diverse and changing society.			Language Arts: 12; Social Studies: 1e
	CS.02.02.02.c. Present oneself appropriately in various settings.	Presentation	
CS.02.03. Performance Indicator: Professional Growth: Develop awareness and apply skills necessary for achieving career success.			Language Arts: 12; Social Studies: 4a
	CS.02.03.01.a. Explore various career interests/options.	Practicum	
CS.02.04. Performance Indicator: Mental Growth: Demonstrate the effective application of reasoning, thinking and coping skills.			Math: 6C; Science: A4; Language Arts: 4, 8
	CS.02.04.01.c. Demonstrate critical and creative thinking skills while completing a task.	Practicums	
	CS.02.04.02.c. Implement effective problem solving strategies.	Media plan	
CS.03.01. Performance Indicator: Communication: Demonstrate oral, written and verbal skills.			Language Arts: 4, 5 and 12
	CS.03.01.01.c. Demonstrate technical and business writing skills to communicate effectively with co-workers and supervisors.	Media plan and practicums	
	CS.03.01.03.c. Make effective business presentations.	Presentation	
CS.03.02. Performance Indicator: Decision Making –Analyze situations and execute an appropriate course of action			Science: A1 and A5; Social Studies: 1c and 4h
	CS.03.02.01.c. Make decisions for a given situation by applying the decision-making process.	Media plan	
	CS.03.02.02.c. Use problem-solving skills.	All (media plan, presentation,	

CS.09.02. Performance Indicator: Apply skills with computer software to accomplish a variety of business activities.			Math: 6C; Science: A3
	CS.09.02.01.b. Use basic software systems such as spreadsheet and word processing to complete a task.	Media plan and practicums	
CS.09.03. Performance Indicator: Use technology to demonstrate the ability to			Science: A3 and E2

	CS.09.03.01.c. Demonstrate the use of technology in linking information from various sources.	Presentation and practicums	
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## **Agricultural Communications**

National academic standards for mathematics, science, English language arts and social studies related to this event are reported below. The statements are based on information in reports of the respective associations/organizations in the academic areas. Some adjustment of numbering was done to facilitate the process of alignment with the standards that have been developed in the pathways of the Agriculture, Food and Natural Resources (AFNR) Career Cluster.

The approach was to determine the presence of alignment between the content standards, expectations or thematic strands of the four academic areas and the performance indicators of the AFNR Standards. Supporting statements have been included to clarify content of the respective content standards, expectations or thematic strands. The statements were initially developed independently by the respective organizations and, therefore, are not parallel in wording and presentation. Occasionally minor editing was done to adjust the background or stem of a statement but not the statement itself.

### **Mathematics**

6. Standard and Expectations: Problem Solving

6C. Apply and adapt a variety of appropriate strategies to solve problems.

### **Science**

A. Content Standard: Science as an Inquiry

A1. Identify questions and concepts that guide scientific investigation.

A3. Use technology and mathematics to improve investigations and communications.

A4. Formulate and revise scientific explanations and models using logic and evidence.

A5. Recognize and analyze alternative explanations and models.

E. Content Standard: Science and Technology

E2. Understanding about science and technology.

### **Language Arts**

1. Students read a wide range of print and non-print texts to build an understanding of texts, of themselves and of the cultures of the United States and the world; to acquire new information; to respond to the needs and demands of society and the workplace and for personal fulfillment. Among these texts are fiction and nonfiction, classic and contemporary works.
4. Students adjust their use of spoken, written and visual language (e.g., conventions, style, vocabulary) to communicate effectively with a variety of audiences and for different purposes.
5. Students employ a wide range of strategies as they write and use different writing process elements appropriately to communicate with different audiences for a variety of purposes.
8. Students use a variety of technological and information resources (e.g., libraries, databases, computer networks, video) to gather and synthesize information and to create and communicate knowledge.
12. Students use spoken, written and visual language to accomplish their own purposes (e.g., for learning, enjoyment, persuasion and the exchange of information).

## **Social Studies**

### **1. Thematic Strand: Culture**

- 1c. apply an understanding of culture and an integrated whole that explains the functions and interactions of language, literature, the arts, traditions, beliefs and values and behavior patterns;
- 1e. demonstrate the value of cultural diversity, as well as cohesion, within and across groups;

### **4. Thematic Strand: Individual Development and Identity**

- 4a. articulate personal connections to time, place and social/cultural systems;
- 4d. apply concepts, methods and theories about the study of human growth and development, such as physical endowment, learning, motivation, behavior perception and personality;
- 4e. examine the interactions of ethnic, national or cultural influences in specific situations or events;
- 4h. work independently and cooperatively within groups and institutions to accomplish goals;

### **10. Thematic Strand: Civic Ideals and Practices**

- 10b. identify, analyze, interpret and evaluate sources and examples of citizens' rights and responsibilities;
- 10j. participate in activities to strengthen the "common good," based upon careful evaluation of possible options for citizen action.