

Standards Correlations

Agricultural Business Fundamentals I 8022

Task	SOL Correlations	AFNR Correlations
Demonstrating Personal Qualities and Abilities		
Demonstrate creativity and innovation.	<p>English: 6.1, 6.3, 6.4, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8</p> <p>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1</p> <p>Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 8.2, 8.4, 8.6, 8.7, 8.11, 8.12, 8.17, 8.18, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, AII.9, COM.1, COM.3, COM.4, COM.5, COM.8, DM.7, DM.1*, DM.10, DM.2*, DM.3*, PS.3*, PS.4*, PS.7*, PS.9*, PS.10*</p> <p>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1</p>	
Demonstrate critical thinking and problem solving.	<p>English: 6.1, 6.3, 6.4, 6.5, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.5, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.5, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8</p> <p>History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1</p> <p>Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.10, 6.11, 7.2, 7.3, 7.8, 7.12, 7.13, 8.2, 8.4, 8.8, 8.9, 8.10, 8.11, A.8,</p>	

Task	SOL Correlations	AFNR Correlations
	A.9, G.1, G.13, G.14, AFDA.3, AFDA.5, AFDA.8, AII.9, AII.10, AII.11, COM.1, COM.3, COM.4, COM.5, COM.8, DM.4, DM.7, DM.1*, DM.2*, DM.3*, DM.9*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1	
Demonstrate initiative and self-direction.	English: 6.1, 6.4, 6.6, 6.7, 6.9, 7.1, 7.4, 7.6, 7.7, 7.9, 8.1, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate integrity.	English: 6.1, 7.1, 8.1, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate work ethic.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1	
Demonstrating Interpersonal Skills		
Demonstrate conflict-resolution skills.	English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.4, 8.6, 8.7, 8.9, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, VUS.1	
Demonstrate listening and speaking skills.	English: 6.1, 6.2, 6.4, 6.6, 7.1, 7.2, 7.4, 7.6, 8.1, 8.2, 8.4, 8.6, 9.1, 10.1, 11.1, 12.1	

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	History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate respect for diversity.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, USII.9, VUS.1, VUS.13, WG.1, WHI.1, WHII.1	
Demonstrate customer service skills.	English: 6.1, 6.4, 6.7, 7.1, 7.4, 7.7, 8.1, 8.4, 8.7, 9.1, 9.5, 9.6, 10.1, 10.5, 10.6, 11.1, 11.5, 11.6, 12.1, 12.5, 12.6 History and Social Science: CE.1, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Collaborate with team members	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrating Professional Competencies		
Demonstrate big-picture thinking.	English: 6.1, 6.4, 7.1, 7.4, 8.1, 8.4, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5 History and Social Science: CE.1, CE.4, CE.12, GOVT.1, GOVT.15, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate career- and life-management skills.	English: 6.1, 6.7, 7.1, 7.7, 8.1, 8.7, 9.1, 9.6, 10.1, 10.6, 11.1, 11.6, 12.1, 12.6 History and Social Science: CE.1, CE.4, CE.12, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 8.4	

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Demonstrate continuous learning and adaptability.	English: 6.1, 6.4, 6.7, 6.9, 7.1, 7.4, 7.7, 7.9, 8.1, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.3, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: BIO.1, CH.1, LS.1, PH.1, PH.4, PS.1	
Manage time and resources.	English: 6.1, 6.2, 6.4, 6.7, 6.9, 7.1, 7.2, 7.4, 7.7, 7.9, 8.1, 8.2, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 7.10, 7.11, 7.12, 7.13, 8.4, 8.11, 8.12, 8.13, 8.14, 8.17, 8.18, A.4, A.5, A.8, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, COM.1, COM.3, COM.5, COM.8	
Demonstrate information-literacy skills.	English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.9, 9.2, 9.5, 9.6, 9.8, 10.2, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 7.8, 7.9, 8.11, 8.12, A.8, A.9, AFDA.3, AFDA.4, AFDA.6, AFDA.7, AFDA.8, DM.8, PS.1*, PS.2*, PS.3*, PS.4*, PS.7*, PS.8*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1	

Task	SOL Correlations	AFNR Correlations
Demonstrate an understanding of information security.	<p>English: 6.1, 6.2, 6.3, 6.4, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.8, 8.9, 9.1, 9.2, 9.5, 9.6, 9.8, 10.1, 10.2, 10.5, 10.6, 10.8, 11.1, 11.2, 11.5, 11.6, 11.8, 12.1, 12.2, 12.5, 12.6, 12.8</p> <p>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p> <p>Mathematics: COM.10</p>	
Maintain working knowledge of current information-technology (IT) systems.	<p>English: 6.1, 6.3, 6.4, 6.6, 6.9, 7.1, 7.3, 7.4, 7.6, 7.9, 8.1, 8.3, 8.4, 8.6, 8.9</p> <p>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p> <p>Mathematics: 7.8, COM.1, COM.2, COM.7, COM.9, COM.10, COM.11, COM.16, COM.18, PS.17</p> <p>Science: BIO.1, CH.1, ES.1, PH.1</p>	
Demonstrate proficiency with technologies, tools, and machines common to a specific occupation.	<p>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p> <p>Mathematics: 6.10, 6.11, 7.9, 8.4, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AII.4, AII.7, AII.9, COM.1, COM.7, COM.10, COM.11, COM.12, COM.16</p> <p>Science: CH.1, ES.1, LS.1, PH.1, PS.1</p>	
Apply mathematical skills to job-specific tasks.	<p>English: 6.4, 6.6, 6.7, 7.4, 7.6, 7.7, 8.4, 8.6, 8.7, 9.5, 9.6, 10.5, 10.6, 11.5, 11.6, 12.5, 12.6</p> <p>History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p>	

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	Mathematics: 6.1, 6.2, 6.5, 6.6, 6.12, 6.13, 6.14, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.8, 7.9, 7.11, 7.12, 7.13, 8.4, 8.5, 8.6, 8.8, 8.9, 8.10, 8.11, 8.12, 8.13, 8.14, 8.15, 8.16, 8.17, 8.18, A.1, A.3, A.4, A.5, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AFDA.8, AII.3, AII.7, AII.9, AII.10, COM.1, COM.7 Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1	
Demonstrate professionalism.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate reading and writing skills.	English: 6.1, 6.6, 6.7, 7.1, 7.6, 7.7, 8.1, 8.6, 8.7, 9.1, 9.5, 9.6, 9.7, 10.1, 10.5, 10.6, 10.7, 11.1, 11.5, 11.6, 11.7, 12.1, 12.5, 12.6, 12.7 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: 6.1, PH.1, PS.1	
Demonstrate workplace safety.	English: 6.4, 7.4, 8.4, 9.5, 10.5, 11.5, 12.5 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1	
Addressing Elements of Student Life		
Identify the purposes and goals of the student organization.		
Explain the benefits and responsibilities of membership in the student organization as a student and in professional/civic organizations as an adult.		

Task	SOL Correlations	AFNR Correlations
Demonstrate leadership skills through participation in student organization activities, such as meetings, programs, and projects.		
Identify Internet safety issues and procedures for complying with acceptable use standards.		
Exploring Work-Based Learning		
Identify the types of work-based learning (WBL) opportunities.		
Reflect on lessons learned during the WBL experience.		
Explore career opportunities related to the WBL experience.		
Participate in a WBL experience, when appropriate.		
Exploring Leadership Opportunities through FFA		
Identify the role of supervised agricultural experiences (SAEs) in agricultural education.	English: 9.3, 9.5, 10.3, 10.5	
Participate in an SAE.	English: 9.5, 9.8, 10.5, 10.8	
Identify the benefits and responsibilities of FFA membership.	English: 9.5, 9.6, 9.7, 9.8, 10.5, 10.6, 10.7, 10.8	
Describe leadership characteristics and opportunities as they relate to agriculture and FFA.	English: 9.5, 10.5 History and Social Science: VUS.8, VUS.9, VUS.10, VUS.11, WHII.8, WHII.10, WHII.11	

Task	SOL Correlations	AFNR Correlations
Apply for an FFA degree and/or an agricultural proficiency award.	English: 9.5, 10.5	
Developing Employability Skills		
Create a professional online presence.	English: 10.1, 11.1	CRP.10.04
Compose a cover letter.	English: 10.5, 10.6, 10.7, 11.5, 11.6, 11.7	CRP.04.02 CRP.10.04
Prepare a résumé.	English: 10.6, 10.7, 11.6, 11.7	CRP.04.02 CRP.10.04
Design a portfolio.	English: 10.1, 10.6, 10.7, 11.1, 11.6, 11.7	CRP.04.02 CRP.10.04
Research a potential employer.	English: 10.5, 10.8, 11.5, 11.8	CRP.10.04
Submit an electronic cover letter, résumé, and (optionally) portfolio.	English: 10.8, 11.8	CRP.04.02 CRP.10.04
Use the SAE Record Book or an alternative method to document the SAE.	English: 10.6, 10.7, 11.6, 11.7	
Complete employment application forms.	English: 10.6, 10.7, 11.6, 11.7	CRP.10.04
Complete a mock employment interview.	English: 10.1, 11.1	CRP.10.04
Follow-up an interview with a thank-you letter, email, and/or phone call.	English: 10.1, 11.1	CRV 4.01 CRP.10.04

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Identify the benefits of SAE/Work-Based Learning (WBL).	English: 10.5, 11.5	
Making Consumer Choices		
Identify rights and responsibilities of consumers.	English: 10.5, 11.5	ABS.01.03
Identify methods of handling consumer complaints.	English: 10.5, 11.5	ABS.01.03
Identify consumer-protection agencies.	English: 10.5, 11.5	ABS.01.03
Identify components of a guarantee, a warranty, and a contract.	English: 10.5, 11.5	ABS.01.03
Explain information found on product labels.	English: 10.5, 11.5	ABS.01.03
Managing Financial Records and Reports		
Maintain a filing system for financial records.	English: 10.5, 11.5 Mathematics: COM.1, COM.7, COM.9	ABS.02.02
Identify net worth and profit-and-loss (P&L) statements.	English: 10.5, 11.5	ABS.02.02
Prepare financial reports to communicate the performance of an AFNR business.	English: 10.6, 10.7, 11.6, 11.7	ABS.02.02
Analyze financial information and reports to monitor business performance and support decision making.	English: 10.5, 11.5	ABS.02.02
Prepare a personal budget.	English: 10.1, 11.1	

Task	SOL Correlations	AFNR Correlations
Prepare financial reports to describe the performance of an AFNR business.	English: 10.5, 11.5	ABS.02.02
Identify personal financial management tools and strategies.	English: 10.5, 11.5	ABS.02.02
Identify insurance as a risk-management strategy	English: 10.3, 10.5, 11.3, 11.5	EPF.14 ABS.04.02 ABS.04.03
Complete mock income tax forms.	English: 10.5, 11.5	ABS.02.02
Calculate depreciation.		ABS.02.02
Calculate net returns.		ABS 4.03 ABS 5.01
Performing Electronic Operations for AFNR		
Identify the methods and benefits of precision agriculture.	English: 10.5, 11.5	
Create records and correspondence, using word-processing software, spreadsheets, databases, and email.	English: 10.6, 10.7, 11.6, 11.7 Mathematics: COM.1, COM.7, COM.9	ABS.03.01
Conduct research.	English: 10.8, 11.8	ABS.01.03
Conduct an oral and visual presentation, using presentation software.	English: 10.1, 10.5, 11.1, 11.5 Mathematics: COM.12	
Implement procedures for sharing, backing up, and restoring files.	English: 10.1, 10.2, 10.5, 11.1, 11.2, 11.5 Mathematics: COM.10	

Task	SOL Correlations	AFNR Correlations
Understanding Basic Economics		
Explain the importance of economics.	English: 10.5, 11.5	ABS.01.01
Identify the components of the economic process.	English: 10.5, 11.5	ABS.01.01
Identify basic economic principles.	English: 10.5, 11.5	ABS.01.01
Differentiate among economic resources.	English: 10.5, 11.5	ABS.01.01
Identify the consequences of choice.	English: 10.5, 11.5	ABS.01.01
Identify the three main types of economic systems.	English: 10.5, 11.5	ABS.01.01
Identify characteristics of free enterprise.	English: 10.5, 11.5	ABS.01.01
Understanding Agribusiness Structures and Procedures		
Define the role of entrepreneurship in the agricultural industry.	English: 10.3, 10.5, 11.3, 11.5	ABS.04.01
Describe agricultural business structures.	English: 10.5, 11.5	ABS.04.01
Explain the benefits and challenges of owning an agricultural business.	English: 10.5, 11.5	ABS.04.01 ABS.04.03
Develop an organizational chart.	English: 10.5, 11.5	ABS.01.04 ABS.04.02
Interpret a rent/lease agreement.	English: 10.5, 11.5	ABS.01.03
Identify elements of sales and purchase contracts.	English: 10.5, 11.5	ABS.05.02

Task	SOL Correlations	AFNR Correlations
Record the purchase or sale of equipment and supplies.	English: 10.6, 10.7, 11.6, 11.7	ABS.05.02
Set profit goals.	English: 10.3, 10.5, 10.8, 11.3, 11.5, 11.8	ABS.03.01
Identify sources of capital.	English: 10.3, 10.5, 11.3, 11.5	ABS.03.01
Marketing Agricultural Products or Services		
Identify agricultural markets.	English: 10.5, 11.5	ABS.04.01 ABS.05.01
Explain the importance of marketing in agriculture.	English: 10.3, 10.5, 11.3, 11.5	ABS.05.01
Identify the components of the marketing process.	English: 10.5, 11.5	ABS.05.01 ABS.05.03
Identify personal traits that are beneficial to an agricultural salesperson or brand ambassador.	English: 10.5, 11.5	ABS.05.02
Identify various media outlets for promoting agricultural products and services.	English: 10.5, 11.5	ABS.05.03
Explain the economic impact of agriculture and forest industries on Virginia's economy.	English: 10.5, 11.5	
Explain Virginia's role in the local, national, and global markets.	English: 10.5, 11.5	ABS.01.03
Using Business Laws in Agribusiness		

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Identify labor laws relative to agricultural business.	English: 10.5, 10.8, 11.5, 11.8	ABS.01.03
Identify regulatory agencies and acts involved with agriculture.	English: 10.5, 10.8, 11.5, 11.8	ABS.01.03
Incorporating Mechanical Skills as Related to the Agricultural Business Systems Pathway		
Demonstrate safety practices in agricultural mechanics adhering to all safety requirements, industry recommended practices, and instructor guidelines.	English: 10.5, 10.6, 10.7, 10.8, 11.5, 11.6, 11.7, 11.8 Science: CH.1	CRP.01.01 CS.03.01 CS.03.02 CS.03.03 CS.03.04
Demonstrate equipment safety and operation adhering to all safety requirements, industry recommended practices, and instructor guidelines.		CRP.01.01 CS.03.01 CS.03.02 CS.03.03 CS.03.04 PST.01.02 PST.02.01 PST.02.02

Task	SOL Correlations	AFNR Correlations
Demonstrate standard measurement techniques used in the agribusiness systems pathway.	Science: CH.1	CRP.01.01 CS.03.01 CS.03.02 CS.03.03 CS.03.04 PST.01.02 PST.02.01 PST.02.02
Demonstrate drawing for agricultural mechanics.		PST.04.01
Demonstrate metalworking operations adhering to all safety requirements, industry recommended practices, and instructor guidelines.	English: 10.5, 11.5	CRP.01.01 CS.03.01 CS.03.02 CS.03.03 CS.03.04 PST.01.02 PST.02.01

Task	SOL Correlations	AFNR Correlations
		PST.02.02
		PST.04.02
Demonstrate woodworking operations as they relate to the agribusiness systems pathway adhering to all safety requirements, industry recommended practices, and instructor guidelines.	English: 10.5, 11.5	CRP.01.01
		CS.03.01
		CS.03.02
		CS.03.03
		CS.03.04
		PST.01.02
		PST.02.01
		PST.02.02
		PST.04.02
		PST.01.03
Demonstrate electrical operations as they relate to the agribusiness systems pathway adhering to all safety requirements, industry recommended practices, and instructor guidelines.	English: 10.5, 11.5 Science: PH.11	CRP.01.01
		CS.03.01
		CS.03.02
		CS.03.03

Task	SOL Correlations	AFNR Correlations
		CS.03.04 PST.01.02 PST.02.01 PST.02.02 PST.04.04
Demonstrate small-engine operations as they relate to the agribusiness systems pathway adhering to all safety requirements, industry recommended practices, and instructor guidelines.	English: 10.5, 11.5	CRP.01.01 CS.03.01 CS.03.02 CS.03.03 CS.03.04 PST.01.02 PST.02.01 PST.02.02 PST.03.01
Demonstrate plumbing operations as they relate to the agribusiness systems pathway adhering to all safety	English: 10.5, 11.5	CRP.01.01

Task	SOL Correlations	AFNR Correlations
requirements, industry recommended practices, and instructor guidelines.		CS.03.01 CS.03.02 CS.03.03 CS.03.04 PST.01.02 PST.02.01 PST.02.02 PST.04.03