

# Standards Correlations

## Computer Network Software Operations (6650)

Task	SOL Correlations	FBLA Correlations
<b>Demonstrating Personal Qualities and Abilities</b>		
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>	

Task	SOL Correlations	FBLA Correlations
	<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, 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*</p> <p>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1</p>	
Demonstrate initiative and self-direction.	<p>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</p> <p>History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p>	
Demonstrate integrity.	<p>English: 6.1, 7.1, 8.1, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5</p> <p>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</p>	
Demonstrate work ethic.	<p>English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1</p> <p>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</p> <p>Science: CH.1</p>	
<b>Demonstrating Interpersonal Skills</b>		

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
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 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	
<b>Demonstrating Professional Competencies</b>		
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	

Task	SOL Correlations	FBLA Correlations
	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	
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	

Task	SOL Correlations	FBLA Correlations
Demonstrate information-literacy skills.	<p>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</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: 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*</p> <p>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1</p>	
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>	

Task	SOL Correlations	FBLA Correlations
Demonstrate proficiency with technologies, tools, and machines common to a specific occupation.	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, 7.9, 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 Science: CH.1, ES.1, LS.1, PH.1, PS.1	
Apply mathematical skills to job-specific tasks.	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 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: 6.1, 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	

Task	SOL Correlations	FBLA Correlations
	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	
<b>Examining All Aspects of an Industry</b>		
Examine aspects of planning within an industry/organization.	History and Social Science: GOVT.16	
Examine aspects of management within an industry/organization.		
Examine aspects of financial responsibility within an industry/organization.		
Examine technical and production skills required of workers within an industry/organization.		
Examine principles of technology that underlie an industry/organization.		
Examine labor issues related to an industry/organization.	History and Social Science: GOVT.16	
Examine community issues related to an industry/organization.	History and Social Science: GOVT.16	

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
Examine health, safety, and environmental issues related to an industry/organization.	History and Social Science: GOVT.16	
<b>Addressing Elements of Student Life</b>		
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.		
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.		
<b>Exploring Work-based Learning</b>		
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.		



Task	SOL Correlations	FBLA Correlations
<b>Performing Legal and Ethical Functions</b>		
Identify copyright and licensing laws that apply to computer use and network administration.	English: 11.5, 12.5  Social Studies: Govt 9, 14, 15	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe procedures to ensure the proper licensing of a client-server operating system (OS) and applications.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing

Task	SOL Correlations	FBLA Correlations
Identify ethical behavior that is expected of users and administrators.	English: 11.5, 11.6, 12.5, 12.6  Social Studies: Govt 9, 14, 15	Business Knowledge and Skills Business Ethics Computer Applications Database Design and Application Healthcare Administration Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe procedures for documentation found in network policies.	English: 11.5, 11.6, 12.5, 12.6	Business Knowledge and Skills Computer Applications Cyber Security Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications

Task	SOL Correlations	FBLA Correlations
		Word Processing
<b>Introducing Desktop Systems Concepts</b>		
Compare current digital OS.	English: 11.2, 11.3, 11.5, 12.2, 12.3, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Explain the hardware found in a computer.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Computer Problem Solving Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures

Task	SOL Correlations	FBLA Correlations
		Spreadsheet Applications Word Processing
Navigate the digital OS environment.	English: 11.2, 11.5, 12.2, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Navigate system administration tools.		Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing

Task	SOL Correlations	FBLA Correlations
Demonstrate the procedures followed when installing digital OS.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Applications Cyber Security Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Demonstrate the procedures for installing and removing software in a desktop environment.	English: 11.2, 11.5, 12.2, 12.5	Business Knowledge and Skills Computer Applications Computer Problem Solving Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing

Task	SOL Correlations	FBLA Correlations
Manage a file system structure.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Computer Problem Solving Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Explain file system formats.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
<b>Introducing Basic Server Systems Concepts</b>		

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
Compare server OS.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Analyze current and emerging specialized server hardware.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe client-server architecture, including virtual server architecture.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications

Task	SOL Correlations	FBLA Correlations
		Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Identify the services commonly found on a network server.	English: 11.5, 11.6, 12.5, 12.6	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Explain the authentication of users in a network environment.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application



Task	SOL Correlations	FBLA Correlations
		Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
<b>Introducing Network Design Essentials</b>		
Define aspects of networks.	English: 11.3, 11.5, 12.3, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Define types of network architecture.	English: 11.3, 11.5, 12.3, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application

Task	SOL Correlations	FBLA Correlations
		Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Differentiate between distributed and centralized computing.	English: 11.3, 11.5, 12.3, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Identify services delivered by a server.	English: 11.3, 11.5, 12.3, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology

Task	SOL Correlations	FBLA Correlations
		Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe standard network LAN topologies.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe variations of standard topologies.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design

Task	SOL Correlations	FBLA Correlations
		Networking Infrastructures Spreadsheet Applications Word Processing
Describe the role of the network adapter.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe various types of network adapters.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications

Task	SOL Correlations	FBLA Correlations
Describe the functions of networking infrastructure (e.g., adapter, router, switch, bridge, wireless access point).	English: 11.5, 12.5	Word Processing Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe the primary features of each major access method.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
<b>Exploring Networking Media</b>		

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
Define terms related to wired and wireless network media.	English: 11.3, 11.5, 12.3, 12.5	Business Knowledge and Skills Computer Applications Computer Problem Solving Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Identify the types and uses of wired network media.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Identify the types and uses of wireless network media.	English: 11.5, 12.5	Business Knowledge and Skills

Task	SOL Correlations	FBLA Correlations
		Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe the concept of broadband.		Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe a modem.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Computer Problem Solving

Task	SOL Correlations	FBLA Correlations
		Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
<b>Understanding Networking Standards and Models</b>		
Describe each layer of the Open System Interconnection (OSI) model.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe devices in a network environment and their place in the OSI model.	English: 11.5, 12.5	Business Knowledge and Skills Computer Applications Computer Problem Solving



Task	SOL Correlations	FBLA Correlations
		Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications\ Word Processing
Define the basic components of a network packet.	English: 11.3, 11.5, 12.3, 12.5	Business Knowledge and Skills Computer Applications Computer Problem Solving Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Describe networking protocols.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Applications

Task	SOL Correlations	FBLA Correlations
		Computer Problem Solving Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Identify components and features of the Institute of Electrical and Electronics Engineers (IEEE) 802 networking specifications.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Describe address resolution/assignment and wireless authentication.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
<b>Installing Network OS and Services</b>		
Compare essential network OS components.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Determine whether to use peer-to-peer or directory services.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications
Identify major decisions associated with the installation of an OS.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
		Management Information Systems Network Design Networking Infrastructures
Select server services.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Install a server OS.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
<b>Performing Network Administration Functions</b>		
Define different types of accounts.	English: 11.3, 11.5, 12.3, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology

Task	SOL Correlations	FBLA Correlations
		Management Information Systems Network Design Networking Infrastructures
Administer user and group accounts.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Create user profiles.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Implement global, domain, and local account policies.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Introduction to Information Technology

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
		Management Information Systems Network Design Networking Infrastructures
Describe considerations and procedures for sharing applications on the network.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Manage disk resources.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Identify the procedures for installing and managing a shared printer.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Applications Computer Problem Solving

Task	SOL Correlations	FBLA Correlations
		Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Identify the functions, features, and guidelines of e-mail and scheduling.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Applications Computer Problem Solving Cyber Security Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
<b>Performing Network Management and Security Functions</b>		

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
Document a network security plan.	English: 11.5, 11.6, 11.7, 12.5, 12.6, 12.7	Business Knowledge and Skills Business Procedures Computer Applications Computer Problem Solving Cyber Security Database Design and Application Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures Spreadsheet Applications Word Processing
Implement a network security plan.	English: 11.5, 11.6, 11.7, 12.5, 12.6, 12.7	Business Knowledge and Skills Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Explain network hardening.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving



Task	SOL Correlations	FBLA Correlations
		Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Manage a network.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Optimize a network.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Explain software and hardware firewalls.	English: 11.5, 12.5	Business Knowledge and Skills Computer Problem Solving Cyber Security

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
		Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Develop a plan to avoid data loss.	English: 11.5, 11.6, 11.7, 12.5, 12.6, 12.7	Business Knowledge and Skills Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Back up files and directories.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Restore files and directories.	English: 11.5, 12.5	Business Knowledge and Skills

Task	SOL Correlations	FBLA Correlations
		Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Develop a network performance monitoring plan.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Monitor server resources to track usage and disk space.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
		Management Information Systems Network Design Networking Infrastructures
Identify threats and vulnerabilities from users.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Develop a preventive maintenance plan.	English: 11.5, 11.6, 11.7, 12.5, 12.6, 12.7	Business Knowledge and Skills Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Develop an audit policy.	English: 11.1, 11.6, 12.1, 12.6	Business Knowledge and Skills Business Procedures

Task	SOL Correlations	FBLA Correlations
		Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Set up file, directory, and printer auditing.	English: 11.6, 11.7, 12.6, 12.7	Business Knowledge and Skills Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Describe various forms of malware protection for clients and servers.	English: 11.2, 11.5, 12.2, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems

Task	SOL Correlations	FBLA Correlations
		Network Design Networking Infrastructures
<b>Providing Basic User Training and Support</b>		
Identify training needs.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
Provide an orientation to a network system (system onboarding).	English: 11.5, 11.6, 12.5, 12.6	Business Knowledge and Skills Business Procedures Computer Problem Solving Cyber Security Introduction to Information Technology Management Information Systems Network Design Networking Infrastructures
<b>Preparing for Industry Certification</b>		
Describe the process and requirements for obtaining industry certifications.	English: 11.5, 11.6, 11.7, 12.5, 12.6, 12.7	Business Knowledge and Skills

Task	SOL Correlations	FBLA Correlations
		Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
Identify testing skills/strategies for a certification examination.	English: 11.5, 11.8, 12.5, 12.8	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
Demonstrate ability to successfully complete selected practice examinations (e.g., practice questions similar to those on certification exams).	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview

Task	SOL Correlations	FBLA Correlations
		Management Information Systems Network Design Networking Infrastructures
Complete an industry certification examination representative of skills learned in this course.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
<b>Developing Employability Skills</b>		
Research careers in networking and systems security.	English: 11.5, 11.8, 12.5, 12.8	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures



<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
Compose a résumé for electronic processing.	English: 11.5, 11.6, 11.7, 12.5, 12.6, 12.7	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
Assemble a professional portfolio that contains samples of student work.	English: 11.2, 11.5, 11.6, 11.7, 12.2, 12.5, 12.6, 12.7	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
Create a cover letter to accompany a résumé.	English: 11.2, 11.6, 11.7, 12.2, 12.6, 12.7	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
		Management Information Systems Network Design Networking Infrastructures
Complete manual and electronic application forms.	English: 11.5, 11.6, 11.7, 12.5, 12.6, 12.7	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
Participate in an internship program.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
Research a company in preparation for a job interview.	English: 11.5, 11.8, 12.5, 12.8	Business Knowledge and Skills Business Procedures

<b>Task</b>	<b>SOL Correlations</b>	<b>FBLA Correlations</b>
		Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
Participate in a mock interview.	English: 11.1, 11.5, 12.1, 12.5	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
Compose an interview follow-up letter.	English: 11.5, 11.6, 11.7, 12.5, 12.6, 12.7	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems

Task	SOL Correlations	FBLA Correlations
		Network Design Networking Infrastructures
Identify the steps to follow when resigning from a position.	English: 11.1, 11.5, 12.1, 12.5	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures
Identify potential employment barriers for nontraditional groups and ways to overcome these barriers.	English: 11.5, 12.5	Business Knowledge and Skills Business Procedures Electronic Career Portfolio Introduction to Information Technology Job Interview Management Information Systems Network Design Networking Infrastructures