

Standards Correlations

Communication Systems (8415, 8418)

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
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>		

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
	Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1		
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, 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>		

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	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,		

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	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		

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
	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		
Demonstrate an understanding of information security.	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,		

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	11.2, 11.5, 11.6, 11.8, 12.1, 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: COM.10		
Maintain working knowledge of current information-technology (IT) systems.	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 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: 7.8, COM.1, COM.2, COM.7, COM.9, COM.10, COM.11, COM.16, COM.18, PS.17 Science: BIO.1, CH.1, ES.1, PH.1		
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		

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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	Standards for Technological and Engineering Literacy	Technology Student Association Events
	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		
Examining All Aspects of an Industry			
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.			

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
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		
Examine health, safety, and environmental issues related to an industry/organization.	History and Social Science: GOVT.16		
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	Standards for Technological and Engineering Literacy	Technology Student Association Events
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.			

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Introducing Communication Systems			
Define <i>communication</i> using the communication model.	English: 9.3, 9.5, 10.3, 10.3, 11.3, 11.3, 12.3, 12.5	2, 3	Cybersecurity Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis Technology Bowl Video Game Design Webmaster
Identify purposes for communication.	English: 9.5, 10.5, 11.5, 12.5	3, 4 ,7, 8	Cybersecurity Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
			Video Game Design Webmaster
Define <i>target audience</i> .	English: 9.3, 9.5, 10.3, 10.5, 11.3, 11.5, 12.3, 12.5	3	Digital Video Production On Demand Video Photographic Technology Prepared Presentation Webmaster Video Game Design
Explain ethics as they relate to communication systems.	History and Social Science: WHII 14; VUS 14; GOVT 9, 15	3	Cybersecurity Digital Video Production On Demand Video Photographic Technology Prepared Presentation Webmaster

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Describe current issues related to communication.	English: 9.5, 10.5, 11.5, 12.5 History and Social Science: WHII 14; VUS 14; GOVT 9, 15	4, 5	Cybersecurity Digital Video Production On Demand Video Webmaster
Explain accessibility as it relates to communication.	English: 9.5, 10.5, 11.5, 12.5	5	Cybersecurity Digital Video Production On Demand Video Prepared Presentation Webmaster
Identify methods used in communication.	English: 9.5, 10.5, 11.5, 12.5 History and Social Science: WHII 14; VUS 14; GOVT 9, 15	3, 7	Cybersecurity Digital Video Production On Demand Video Photographic Technology Prepared Presentation Webmaster Video Game Design

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Explain what is meant by media and medium.	English: 9.5, 10.5, 11.5, 12.5	3	Digital Video Production On demand Video Photographic Technology Prepared Presentation Essays on Technology
Identify transmission of data along the electromagnetic spectrum.		3, 8	Technology Bowl
Identify modes of communication.	English: 9.5, 10.5, 11.5, 12.5	3	Cybersecurity Debating Technological Issues Digital Video Production On Demand Video Photographic Technology Prepared Presentation Webmaster Video Game Design

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Research the history and development of various types of communication systems.	English: 9.5, 9.8, 10.5, 10.8, 11.5, 11.8, 12.5, 12.8 History and Social Science: WHII 8, 14; VUS 8, 14; GOVT 9, 15	3, 4, 5	Essays on Technology Extemporaneous Speech Prepared Presentation
Analyze the impact of communication systems.	English: 9.5, 10.5, 11.5, 12.5 History and Social Science: WHII 14; VUS 14; GOVT 9, 15	4	Debating Technological Issues Essays on Technology Extemporaneous Speech Prepared Presentation Technology Bowl
Analyze communication systems problems/challenges.	English: 9.5, 10.5, 11.5, 12.5	3, 5, 8	Debating Technological Issues Essays on Technology Extemporaneous Speech Prepared Presentation Technology Bowl
Designing Communication			
Describe elements of design.	English: 9.5, 10.5, 11.5, 12.5	7	Digital Video Production On Demand Video

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
			Photographic Technology Prepared Presentation Webmaster Video Game Design
Describe principles of design.	English: 9.5, 10.5, 11.5, 12.5	7	Digital Video Production Geospatial Technology On Demand Video Photographic Technology Prepared Presentation Webmaster Video Game Design
Explain the design process.	English: 9.5, 10.5, 11.5, 12.5	7	Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
			Webmaster Video Game Design
Identify elements of typography.	English: 9.5, 10.5, 11.5, 12.5	3, 8	Promotional Design Photographic Technology
Produce a designed message using appropriate equipment.	English: 9.2, 10.2, 11.2, 12.2	7, 8	Digital Video Production On Demand Video Photographic Technology Prepared Presentation Webmaster Video Game Design
Produce technical drawings to scale.	English: 9.2, 10.2, 11.2, 12.2	7, 8	CAD Architecture CAD Engineering
Examining Graphic Production			
Explain graphic production.	English: 9.5, 10.5, 11.5, 12.5	8	Promotional Design Technology Bowl
Describe the different methods of graphic production.	English: 9.5, 10.5, 11.5, 12.5	8	Promotional Design Technology Bowl

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Prepare images for output.	English: 9.5, 10.5, 11.5, 12.5	7, 8	Digital Video Production On Demand Video Photographic Technology Prepared Presentation Webmaster Video Game Design
Design a poster or flyer using the principles and elements of design.	English: 9.1, 10.1, 11.1, 12.1	7	Digital Video Production On Demand Video Promotional Design
Layout a publication.	English; 9.2, 10.2, 11.2, 12.2	8	Digital Video Production On Demand Video Promotional Design
Produce a product as designed.	English: 9.1, 9.2, 10.1, 10.2, 11.1, 11.2, 12.1, 12.2	7, 8	Digital Video Production On Demand Video Promotional Design
Exploring Digital Visualization			

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Explain digital visualization.	English: 9.3, 9.5, 10.3, 10.5, 11.3, 11.5, 12.3, 12.5 Mathematics: G.3, G.13, G.14	8	CAD Engineering Digital Video Production On Demand Video Promotional Design
Identify the components of a storyboard.	English: 9.5, 10.5, 11.5, 12.5	8	Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis Webmaster Video Game Design
Create a storyboard for a simple animation.	English: 9.1, 9.2, 10.1, 10.2, 11.1, 11.2, 12.1, 12.2	8	Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
			Webmaster Video Game Design
Generate a simple, two-dimensional animation.	English: 9.1, 9.2, 10.1, 10.2, 11.1, 11.2, 12.1, 12.2	8	Animatronics Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis Webmaster Video Game Design
Generate a simple, digital, three-dimensional model.	English: 9.2, 10.2, 11.2, 12.2	8	CAD Engineering Digital Video Production On Demand Video SciVis Webmaster Video Game Design

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Modify a simple, digital, three-dimensional model.	English: 9.2, 10.2, 11.2, 12.2 Mathematics: G.13, G.14	8	Animatronics CAD Engineering
Animate a simple, digital, three-dimensional model.	English: 9.2, 10.2, 11.2, 12.2	7, 8	
Exploring Imaging Technology			
Identify various systems for capturing and transmitting images.	English: 9.5, 10.5, 11.5, 12.5	8	Photographic Technology Promotional Design Technology Bowl
Examine the theories and properties of light.	English: 9.5, 10.5, 11.5, 12.5	3	Photographic Technology
Explore photographic and other imaging media.	English: 9.5, 9.8, 10.5, 10.8, 11.5, 11.8, 12.5, 12.8	8	Photographic Technology Promotional Design
Prepare to capture an image.	English: 9.5, 10.5, 11.5, 12.5	8	Photographic Technology Promotional Design
Incorporate composition elements.	English: 9.5, 10.5, 11.5, 12.5	7, 8	Technology Bowl

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Capture a digital image.		8	Photographic Technology Promotional Design
Manipulate digital images.	English: 9.2, 10.2, 11.2, 12.2	8	Photographic Technology Promotional Design
Produce the image on photographic paper or another substrate.	English: 9.2, 10.2, 11.2, 12.2	8	Photographic Technology Promotional Design
Exploring Interactive Digital Communication			
Define <i>digital communication technology</i> .	English: 9.3, 9.5, 10.3, 10.5, 11.3, 11.5, 12.3, 12.5	8	Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis Webmaster Video Game Design

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Explain influence on digital communication of the Internet, mobile devices, and app-driven behavior.		3, 4, 5	Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis Webmaster Video Game Design
Identify the different types of coding used to create data communication systems.	English: 9.2, 9.5, 10.2, 10.5, 11.2, 11.5, 12.2, 12.5	3, 8	Cybersecurity Coding Software Development
Identify basic concepts of developing a website.	English: 9.2, 9.5, 10.2, 10.5, 11.2, 11.5, 12.2, 12.5	3, 7, 8	Webmaster
Design a web page.	English: 9.2, 10.2, 11.2, 12.2	7, 8	Webmaster
Describe channels for delivering web communication.	English: 9.5, 10.5, 11.5, 12.5		Digital Video Production On Demand Video Photographic Technology

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
			Prepared Presentation SciVis Webmaster Video Game Design
Examining Broadcast Technology			
Identify delivery systems for broadcast technology.	English: 9.5, 10.5, 11.5, 12.5 History and Social Science: WHII 14; VUS 14; GOVT 9, 15	3, 8	Digital Video Production On Demand Video
Describe elements of audio and video production.	English: 9.5, 10.5, 11.5, 12.5	8	Digital Video Production On Demand Video Promotional Design
Describe the production process.	English: 9.5, 10.5, 11.5, 12.5	8	Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
			Webmaster Video Game
Produce a video/audio using the production process.	English: 9.1, 9.2, 10.1, 10.2, 11.1, 11.2, 12.1, 12.2	8	Digital Video Production On Demand Video Photographic Technology Prepared Presentation SciVis Webmaster Video Game
Transcode video.		8	Digital Video Production On Demand Video Photographic Technology SciVis Webmaster Video Game
Exploring Communications Careers and Advancement			

Task	SOL Correlations	Standards for Technological and Engineering Literacy	Technology Student Association Events
Describe careers related to communication systems.	English: 9.5, 10.5, 11.5, 12.5	3	STEM Careers (Virginia only) Technology Bowl
Create a portfolio including work from Communication Systems.	English: 9.1, 9.2, 10.1, 10.2, 11.1, 11.2, 12.1, 12.2	3, 8	Digital Video Production On Demand Video Photographic Technology Prepared Presentation Promotional Design SciVis Webmaster Video Game