

# Standards Correlations

## Health Assisting Careers 8331 - 36 weeks

Task	SOL Correlations	HOSA
<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> <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,</p>	

Task	SOL Correlations	HOSA
	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* 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	
<b>Demonstrating Interpersonal Skills</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	

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA</b>
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 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	

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	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	
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	

Task	SOL Correlations	HOSA
	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, 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	

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	Science: CH.1, ES.1, LS.1, PH.1, PS.1	
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> <p>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</p> <p>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1</p>	
Demonstrate professionalism.	<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, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p>	
Demonstrate reading and writing skills.	<p>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</p> <p>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p> <p>Science: 6.1, PH.1, PS.1</p>	
Demonstrate workplace safety.	<p>English: 6.4, 7.4, 8.4, 9.5, 10.5, 11.5, 12.5</p> <p>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1</p>	

Task	SOL Correlations	HOSA
	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	
Examine health, safety, and environmental	History and Social Science: GOVT.16	

Task	SOL Correlations	HOSA
issues related to an industry/organization.		
<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.		



Task	SOL Correlations	HOSA
Explore career opportunities related to the WBL experience.		
Participate in a WBL experience, when appropriate.		
<b>Functioning as a Member of the Healthcare Team</b>		
Explain opportunities in the healthcare industry.	English: 10.5, 11.5, 12.5  History and Social Science: VUS.14	Health Science Events o Medical Spelling o Medical Terminology Leadership Events o Medical Photography Teamwork Events o Health Career Display
Identify the roles of healthcare team members.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology
Interpret the psychosocial aspects of patient/client care.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Transcultural Health Care Teamwork Events o HOSA Bowl
<b>Demonstrating an Understanding of Legal and Ethical Considerations of Healthcare Team Members</b>		
Identify signs of child, elder, and domestic abuse and neglect.	English: 10.5, 11.5, 12.5  History and Social Science: GOVT.16	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Medical Law and Ethics

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA</b>
Apply concepts of Health Insurance Portability and Accountability Act of 1996 (HIPAA) legislation.	English: 10.5, 11.5, 12.5  History and Social Science: GOVT.16, VUS.14	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Medical Law and Ethics Teamwork Events o HOSA Bowl
Identify scope of practice for the healthcare assistant and for other members of the healthcare team.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Medical Law and Ethics Teamwork Events o HOSA Bowl
Describe legal implications of advanced directives.	English: 10.5, 11.5, 12.5  History and Social Science: GOVT.15, GOVT.16	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Medical Law and Ethics Teamwork Events o Biomedical Debate o HOSA Bowl
Explore concepts of biomedical ethics.	English: 10.5, 11.5, 12.5  History and Social Science: VUS.1	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Medical Law and Ethics Teamwork Events o Biomedical Debate o HOSA Bowl

Task	SOL Correlations	HOSA
Implement the practices of the Patient's Bill of Rights and the Resident's Bill of Rights.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.16	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Medical Law and Ethics</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
<b>Communicating within the Healthcare Setting</b>		
Explain <i>communication</i> and its role in the healthcare industry.	English: 10.5, 11.5, 12.5 History and Social Science: GOVT.16	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Transcultural Health Care</li> </ul>
Apply effective communication techniques.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Transcultural Health Care</li> </ul>
Explain the purpose, parts, and information found in the medical record.	English: 10.5, 11.5, 12.5 History and Social Science: GOVT.16, VUS.14	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul>
Interpret medical terminology and abbreviations.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
<b>Providing for Basic Health Needs</b>		
Make unoccupied and occupied beds.		Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Health Professions Events

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		<ul style="list-style-type: none"> <li>o Nursing Assisting</li> <li>o Personal Care</li> </ul>
Bathe patient/client as prescribed in care plan.		Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Nursing Assisting</li> <li>o Personal Care</li> </ul>
Provide skin care.		Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Nursing Assisting</li> <li>o Personal Care</li> </ul>
Perform oral hygiene.		Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Nursing Assisting</li> <li>o Personal Care</li> </ul>
Provide perineal care, including catheter care.		Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Nursing Assisting</li> <li>o Personal Care</li> </ul>
Assist patient/client with use of bedpan or urinal.		Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Nursing Assisting</li> <li>o Personal Care</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA</b>
Perform range-of-motion (ROM) exercises.		Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care
Position patient/client.		Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care
Transfer patient/client.		Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care
Assist patient/client in ambulation, including use of assistive devices.		Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care
Transport patient/client.		Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care
<b>Incorporating Safety Procedures</b>		

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA</b>
Explain how to provide a safe, clean, and comfortable environment for the patient/client.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.16	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Human Growth and Development</li> </ul>
Identify environmental safety hazards, prevention methods, and disaster plans.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
Implement standard precautions and infectious disease control measures.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Terminology</li> <li>o Knowledge Test: Pathophysiology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul> Emergency Preparedness Events <ul style="list-style-type: none"> <li>o Epidemiology</li> </ul>
Assist with sterile techniques.		Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Pharmacology</li> </ul>
Identify sterilization and sanitation procedures.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Pathophysiology</li> </ul> Emergency Preparedness Events <ul style="list-style-type: none"> <li>o Epidemiology</li> </ul>
Identify laws concerning hazardous materials.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA</b>
Demonstrate use of personal protective equipment (PPE).		Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Nursing Assisting</li> <li>o Personal Care</li> </ul>
Describe facility admission, transfer, and discharge processes.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul>
Demonstrate proper body mechanics.		Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Nursing Assisting</li> <li>o Personal Care</li> </ul>
<b>Understanding Body Systems and Disorders</b>		
Identify structures and functions of the integumentary system.	English: 10.5, 11.5, 12.5  Science: BIO.4d	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
Identify major disorders of the integumentary system.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Pathophysiology</li> </ul>
Identify structures and functions of the circulatory system.	English: 10.5, 11.5, 12.5  Science: BIO.4d	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA</b>
Identify major disorders of the circulatory system.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Pathophysiology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
Identify structures and functions of the respiratory system.	English: 10.5, 11.5, 12.5 Science: BIO.4d	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
Identify major disorders of the respiratory system.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Pathophysiology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
Identify structures and functions of the nervous system.	English: 10.5, 11.5, 12.5 Science: BIO.4d	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Nursing Assisting</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
Identify major disorders of the nervous system.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Pathophysiology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>



<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA</b>
Identify structures and functions of the musculoskeletal system.	English: 10.5, 11.5, 12.5 Science: BIO.4d	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
Identify major disorders of the musculoskeletal system.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Pathophysiology Teamwork Events o HOSA Bowl
Identify structures and functions of the reproductive system.	English: 10.5, 11.5, 12.5 Science: BIO.4d	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
Identify major disorders of the reproductive system.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Pathophysiology Teamwork Events o HOSA Bowl
Identify structures and functions of the urinary system.	English: 10.5, 11.5, 12.5 Science: BIO.4d	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
Identify major disorders of the urinary system.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Knowledge Test: Pathophysiology Health Professions Events o Nursing Assisting

Task	SOL Correlations	HOSA
		Teamwork Events o HOSA Bowl
Identify structures and functions of the gastrointestinal system.	English: 10.5, 11.5, 12.5  Science: BIO.4d	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
Identify major disorders of the gastrointestinal system.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Pathophysiology Teamwork Events o HOSA Bowl
Identify structures and functions of the endocrine system.	English: 10.5, 11.5, 12.5  Science: BIO.4d	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
Identify major disorders of the endocrine system.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Pathophysiology Teamwork Events o HOSA Bowl
<b>Assisting with Patient/Client Procedures</b>		
Report patient/client information and observations.	English: 10.5, 10.6, 11.5, 11.6, 12.5, 12.6	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA</b>
Measure routine vital signs (blood pressure; apical pulse; radial pulse; oral, aural, temporal artery; rectal, and axillary temperature).	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care Teamwork Events o HOSA Bowl
Measure and record intake and output.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8  Mathematics: A.4	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care Teamwork Events o HOSA Bowl
Explain anti-embolic stockings.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care
Explain height and weight measurement for all age groups.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8  Mathematics: A.4	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care
Assist with the application and removal of braces, supports, and prosthetic devices.		Health Science Events o Medical Spelling o Medical Terminology Teamwork Events

Task	SOL Correlations	HOSA
		o HOSA Bowl
Assist with ostomy care.		Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
Explain routine specimen collection.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
Describe methods of assisting a patient/client with bladder and bowel training.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
Explain how to assist the incontinent patient/client.	English: 10.3, 10.5, 11.3, 11.5, 12.3, 12.5	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Behavioral Health o Knowledge Test: Transcultural Health Care Teamwork Events o HOSA Bowl
Explain how to assist the patient/client receiving oxygen therapy.		Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl
Explain how to assist with postmortem care.		Health Science Events o Medical Spelling o Medical Terminology

Task	SOL Correlations	HOSA
		Teamwork Events o HOSA Bowl
<b>Meeting Nutritional Needs</b>		
Identify the food groups according to United States Department of Agriculture (USDA) guidelines.	English: 10.5	Health Science Events o Knowledge Test: Nutrition Teamwork Events o HOSA Bowl
Identify common therapeutic diets.	English: 10.5	Health Science Events o Knowledge Test: Nutrition Teamwork Events o HOSA Bowl
Explain how to care for the patient/client with a feeding tube.		Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting
Explain how to assist patient/client with eating and hydration.		Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care Teamwork Events o HOSA Bowl
Measure fluid and food intake and output (as required by the Virginia Board of Nursing regulation).	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8  Mathematics: A.4  Science: BIO.1	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care Teamwork Events

Task	SOL Correlations	HOSA
		o HOSA Bowl
Feed a client/resident/patient (as required by the Virginia Board of Nursing regulation).	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Nursing Assisting o Personal Care Teamwork Events o HOSA Bowl
<b>Identifying First Aid Concepts</b>		
Identify general first aid concepts.	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl Emergency Preparedness Events o CPR/First Aid
Control external bleeding.		Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl Emergency Preparedness Events o CPR/First Aid
Administer cardiopulmonary resuscitation (CPR) and use of Automated External Defibrillator (AED).	English: 10.5, 11.5, 12.5	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o HOSA Bowl Emergency Preparedness Events o CPR/First Aid

Task	SOL Correlations	HOSA
<b>Understanding Life Span Development</b>		
Describe major stages of growth and development, including normal personality development.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Human Growth and Development</li> </ul>
Describe positive coping behavior in response to stress.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Behavioral Health</li> </ul>
Identify communication concepts across the lifespan.	English: 10.5, 11.5, 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Human Growth and Development</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
Identify physical and psychological signs and symptoms of approaching death.	English: 10.5, 10.8, 11.5, 11.8, 12.5, 12.8	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Human Growth and Development</li> </ul>
<b>Obtaining Employment</b>		
Evaluate health career options.	English: 10.5, 11.5, 12.5	Leadership Events <ul style="list-style-type: none"> <li>o Medical Photography</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o Health Career Display</li> </ul>
Prepare for job opportunities in the healthcare field.	English: 10.5, 10.6, 11.5, 11.6, 12.5, 12.6	Leadership Events <ul style="list-style-type: none"> <li>o Interviewing Skills</li> <li>o Job-Seeking Skills</li> </ul> Teamwork Events

Task	SOL Correlations	HOSA
		o HOSA Bowl
Explain job resignation procedures.	English: 10.1, 10.5, 10.6, 10.7, 11.1, 11.5, 11.6, 11.7, 12.1, 12.5, 12.6, 12.7	
<b>Describing the Opioid Crisis</b>		
Describe the history and current state of the opioid crisis in the United States.	English: 12.5	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o Creative Problem Solving o Public Service Announcement
Describe the history and current state of the opioid crisis in Virginia.	English: 12.5, 12.8	Health Science Events o Medical Spelling o Medical Terminology Teamwork Events o Creative Problem Solving o Public Service Announcement
Define the pharmacological components and common uses of opioids.	English: 12.3, 12.8	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
<b>Examining Key Factors of Drug Addiction</b>		
Examine the science of addiction.	English: 12.5	
Explain prevention and early intervention strategies.	English: 12.5, 12.8	
Identify addiction and its behavioral elements, as defined by the Diagnostic and	English: 12.5	Health Science Events o Knowledge Test: Behavioral Health o Knowledge Test: Medical Law and Ethics



Task	SOL Correlations	HOSA
Statistical Manual of Mental Disorders (DSM-5).		Health Professions Events o Clinical Nursing
Describe the treatment models of addiction therapy.	English: 12.5	Health Science Events o Knowledge Test: Behavioral Health o Knowledge Test: Medical Law and Ethics Health Professions Events o Clinical Nursing
Describe the medication management antidote used to prevent fatal opioid overdoses.	English: 12.5, 12.8	Health Science Events o Medical Spelling o Medical Terminology o Knowledge Test: Pharmacology
<b>Understanding Pain Management Protocols</b>		
Explain the science of physiological and mental pain.	English: 12.3, 12.5	Health Science Events o Knowledge Test: Nutrition o Knowledge Test: Transcultural Health Care Teamwork Events o Community Awareness o Creative Problem Solving o HOSA Bowl
Describe the diagnostic tools used in developing pain management plans.	English: 12.5	Health Science Events o Knowledge Test: Nutrition o Knowledge Test: Transcultural Health Care Teamwork Events o Community Awareness o Creative Problem Solving o HOSA Bowl
Describe pain treatment options available to various populations of patients.	English: 12.5, 12.8	Health Science Events o Knowledge Test: Nutrition

Task	SOL Correlations	HOSA
		<ul style="list-style-type: none"> <li>o Knowledge Test: Transcultural Health Care</li> <li>Teamwork Events</li> <li>o Community Awareness</li> <li>o Creative Problem Solving</li> <li>o HOSA Bowl</li> </ul>
Describe the effects of opioid dependency on the human body systems.	English: 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
Explain the mechanism and physical effects of opioids on the human body.	English: 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o HOSA Bowl</li> </ul>
Explain the use of opioids in practice settings, the role of opioids in pain management, and risk factors associated with the use of the medication.	English: 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Medical Spelling</li> <li>o Medical Terminology</li> <li>o Knowledge Test: Pharmacology</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o Creative Problem Solving</li> <li>o HOSA Bowl</li> </ul>
Describe the withdrawal and tapering side effects of opioid use.	English: 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Knowledge Test: Pharmacology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Clinical Nursing</li> </ul>
Describe storage and disposal options for opioids.	English: 12.5, 12.8	Health Science Events <ul style="list-style-type: none"> <li>o Knowledge Test: Pharmacology</li> </ul> Health Professions Events <ul style="list-style-type: none"> <li>o Clinical Nursing</li> </ul>

Task	SOL Correlations	HOSA
Explain community resources for education about opioid use.	English: 12.5	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
<b>Working with Patients and Caregivers</b>		
Describe key communication topics involving opioids for patients.	English: 12.5	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Clinical Nursing
Describe communication topics for caregivers and family members.	English: 12.5	Health Science Events o Medical Spelling o Medical Terminology Health Professions Events o Clinical Nursing