

# Standards Correlations

## Patient Care Technician (8303)

Task	SOL Correlations	HOSA Competitive Events (High School)
<b>Demonstrating Personal Qualities and Abilities</b>		
Demonstrate creativity and innovation.	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 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1 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* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1	

Task	SOL Correlations	HOSA Competitive Events (High School)
Demonstrate critical thinking and problem solving.	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 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 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* 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	

Task	SOL Correlations	HOSA Competitive Events (High School)
	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	
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	

Task	SOL Correlations	HOSA Competitive Events (High School)
	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 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	HOSA Competitive Events (High School)
	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, 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	

Task	SOL Correlations	HOSA Competitive Events (High School)
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	
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	

Task	SOL Correlations	HOSA Competitive Events (High School)
	Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1	
Demonstrate professionalism.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate reading and writing skills.	English: 6.1, 6.6, 6.7, 7.1, 7.6, 7.7, 8.1, 8.6, 8.7, 9.1, 9.5, 9.6, 9.7, 10.1, 10.5, 10.6, 10.7, 11.1, 11.5, 11.6, 11.7, 12.1, 12.5, 12.6, 12.7 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: 6.1, PH.1, PS.1	
Demonstrate workplace safety.	English: 6.4, 7.4, 8.4, 9.5, 10.5, 11.5, 12.5 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1	
<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		

Commented [APB(1)]: Remove this for MIDDLE SCHOOL

Task	SOL Correlations	HOSA Competitive Events (High School)
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 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		

Task	SOL Correlations	HOSA Competitive Events (High School)
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.		
<b>Introducing the Healthcare System</b>		
Summarize major developments in healthcare history.	English: 12.4  History and Social Science: GOVT.8, GOVT.14, GOVT.15, VUS.13, VUS.14, WHI.5	<b>Teamwork Events</b>  <ul style="list-style-type: none"> <li>○ HOSA Bowl</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Competitive Events (High School)</b>
Differentiate among the types of health insurance.	English: 12.4	<p><b>Teamwork Events</b></p> <ul style="list-style-type: none"> <li>○ HOSA Bowl</li> </ul>
Differentiate among the types of medical care delivery systems.	English: 12.4	<p><b>Teamwork Events</b></p> <ul style="list-style-type: none"> <li>○ HOSA Bowl</li> </ul>
Differentiate between the scope and roles of the Virginia Department of Health Professions (DHP) and the Virginia Department of Health (VDH).	English: 12.4 History and Social Science: GOVT.8, GOVT.14, GOVT.15	
Examine the effect of health informatics on the healthcare industry and on the individual.	English: 12.4 History and Social Science: GOVT.8, GOVT.14, GOVT.15, VUS.13, VUS.14	<p><b>Teamwork Events</b></p> <ul style="list-style-type: none"> <li>○ HOSA Bowl</li> </ul>
<b>Identifying the Roles and Responsibilities of a Patient Care Technician (PCT)</b>		
Describe the scope of practice of a patient care technician (PCT).	English: 12.4	<p><b>Leadership Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Photography</li> </ul> <p><b>Teamwork Events</b></p> <ul style="list-style-type: none"> <li>○ Health Career Display</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Competitive Events (High School)</b>
Maintain Basic Cardiac Life Support (BCLS) certification for healthcare providers.		<b>Emergency Preparedness Events</b> <ul style="list-style-type: none"> <li>○ CPR/First Aid</li> </ul>
Adhere to HIPAA regulations regarding protected health information.	History and Social Science: GOVT.14, GOVT.15, VUS.8, VUS.14	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Knowledge Test: Medical Law and Ethics</li> </ul>
Communicate with other healthcare professionals using appropriate medical terminology.	English: 12.1	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> </ul>
Describe the organizational structure in a healthcare setting.	English: 12.4	
Use effective communication to interact with a patient/client, a patient's/client's family, and other members of the healthcare team.	English: 12.4	
Adhere to regulations regarding operational standards.	English: 12.4 History and Social Science: GOVT.8, GOVT.14, GOVT.15, VUS.13, VUS.14	
<b>Examining Ethical and Legal Issues</b>		

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Competitive Events (High School)</b>
Examine legal and ethical concerns pertaining to medical care.	English: 12.5, 12.8 History and Social Science: GOVT.7, GOVT.8, GOVT.14, GOVT.15, VUS.13, VUS.14	<b>Health Science Events</b> ○ Knowledge Test: Medical Law and Ethics
Examine concepts of care relating to ethnic, religious/spiritual, cultural, and personal preferences.	English: 12.5	<b>Health Science Events</b> ○ Knowledge Test: Medical Law and Ethics
Describe the roles of professionalism, including legal and ethical boundaries, for a PCT.	English: 12.4	<b>Health Science Events</b> ○ Knowledge Test: Medical Law and Ethics
Implement the Five Rights of Delegation.		<b>Health Science Events</b> ○ Knowledge Test: Medical Law and Ethics
<b>Understanding Medical Terminology and Documentations</b>		
Identify word parts and medical terminology.	English: 12.4, 12.7 Science: BIO.4	<b>Health Science Events</b> ○ Medical Terminology
Define abbreviations and medical terms.	English: 12.4	<b>Health Science Events</b>

Task	SOL Correlations	HOSA Competitive Events (High School)
		<ul style="list-style-type: none"> <li>○ Medical Terminology</li> </ul>
Demonstrate accurate documentation.	English: 12.7, 12.8	<p><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> </ul>
<b>Practicing Infection Prevention Techniques</b>		
Explain the importance of Standard Precautions and transmission-based precautions.	English: 12.4  History and Social Science: GOVT.7, GOVT.8	<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Clinical Nursing</li> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Differentiate between Standard Precautions and transmission-based precautions.	English: 12.4  History and Social Science: GOVT.7, GOVT.8	<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Clinical Nursing</li> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Explain concepts related to medical and surgical asepsis.	English: 12.4	<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Clinical Nursing</li> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> </ul>

Task	SOL Correlations	HOSA Competitive Events (High School)
		<ul style="list-style-type: none"> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Demonstrate aseptic technique and sterile technique.		<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Clinical Nursing</li> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
<b>Practicing Safety Protocols</b>		
Define types of abuse and neglect.	English: 12.4	<p><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Knowledge Test: Medical Law and Ethics</li> </ul> <p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Nursing Assisting</li> </ul>
Report suspected abuse and neglect per facility policy.	English: 12.1	<p><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Knowledge Test: Medical Law and Ethics</li> </ul> <p><b>Health Professions Events</b></p>

Task	SOL Correlations	HOSA Competitive Events (High School)
		<ul style="list-style-type: none"> <li>○ Nursing Assisting</li> </ul>
Follow regulatory agencies' patient/client safety guidelines.		<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Use proper body mechanics when performing job functions.		<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Home Health Aide</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Monitor environmental safety.	English: 12.2	<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Respond to emergency situations.		<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Competitive Events (High School)</b>
		<ul style="list-style-type: none"> <li>○ Personal Care</li> </ul>
Follow procedures for identifying patients/clients.	English: 12.4	<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Report work-related accidents according to facility policy.	English: 12.7, 12.8	<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
<b>Understanding Basic Anatomy and Physiology</b>		
Identify the body systems.	English: 12.4  History and Social Science: WHII.4  Science: BIO.4	<p><b>Teamwork Events</b></p> <ul style="list-style-type: none"> <li>○ HOSA Bowl</li> </ul>
Identify the body cavities and the organs within these cavities.	Science: BIO.4	<p><b>Teamwork Events</b></p> <ul style="list-style-type: none"> <li>○ HOSA Bowl</li> </ul>
Identify the parts and functions of a cell.	English: 12.4	<b>Health Science Events</b>

Task	SOL Correlations	HOSA Competitive Events (High School)
	History and Social Science: WHII.4  Science: BIO.3	<ul style="list-style-type: none"> <li>○ Knowledge Test: Pathophysiology</li> </ul> <p style="text-align: center;"><b>Teamwork Events</b></p> <ul style="list-style-type: none"> <li>○ HOSA Bowl</li> </ul>
Identify the tissues within the body.	English: 12.4  Science: BIO.4	<p style="text-align: center;"><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Knowledge Test: Pathophysiology</li> </ul> <p style="text-align: center;"><b>Teamwork Events</b></p> <ul style="list-style-type: none"> <li>○ HOSA Bowl</li> </ul>
Identify the major structures and functions of the endocrine system.	English: 12.4  Science: BIO.4	<p style="text-align: center;"><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major disorders of the endocrine system.	English: 12.4	<p style="text-align: center;"><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Identify the major structures and functions of the circulatory system.	English: 12.4  History and Social Science: WHII.4	<p style="text-align: center;"><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> </ul>

Task	SOL Correlations	HOSA Competitive Events (High School)
	Science: BIO.4	<ul style="list-style-type: none"> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major disorders of the circulatory system.	History and Social Science: WHII.4	<p><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Identify the major structures and functions of the musculoskeletal system.	English: 12.4 Science: BIO.4	<p><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major disorders of the musculoskeletal system.	English: 12.4	<p><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Identify the major structures and functions of the gastrointestinal system, including the oral cavity.	English: 12.4 Science: BIO.4	<p><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major disorders of the gastrointestinal system.	English: 12.4	<p><b>Health Science Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Competitive Events (High School)</b>
Identify the major structures and functions of the reproductive system.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major disorders of the reproductive system.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Identify the major structures and functions of the urinary system.	English: 12.4 Science: BIO.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major disorders of the urinary system.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Identify the major structures and functions of the respiratory system.	English: 12.4 Science: BIO.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major disorders of the respiratory system.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> </ul>

Task	SOL Correlations	HOSA Competitive Events (High School)
		<ul style="list-style-type: none"> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Identify the major structures and functions of the nervous system.	English: 12.4 Science: BIO.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major disorders of the nervous system.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Identify the major structures and functions of the sensory system.	English: 12.4 Science: BIO.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major disorders of the eye, ear, and other sensory organs.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Identify the major structures and functions of the integumentary system.	English: 12.4 Science: BIO.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Competitive Events (High School)</b>
Describe the major disorders of the integumentary system.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>○ Medical Terminology</li> <li>○ Knowledge Test: Pathophysiology</li> </ul>
Describe the major stages of growth and developmental abilities.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>• Knowledge Test: Human Growth and Development</li> </ul>
Describe the effects of the aging process on major body systems.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>• Knowledge Test: Human Growth and Development</li> </ul>
Identify the psychosocial problems associated with the older adult.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>• Knowledge Test: Human Growth and Development</li> </ul>
Identify needs related to death and dying.	English: 12.4	<b>Health Science Events</b> <ul style="list-style-type: none"> <li>• Knowledge Test: Human Growth and Development</li> </ul>
<b>Demonstrating Medical Procedures and Patient Care and Comfort Measures</b>		
Obtain vital signs.		<b>Health Professions Events</b>

Task	SOL Correlations	HOSA Competitive Events (High School)
		<ul style="list-style-type: none"> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Obtain patient/client height and weight.	English: 12.4	<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Assisting</li> </ul>
Report changes in a patient/client's condition.	English: 12.1	
Demonstrate methods of pain management.		
Assist with basic patient/client care.		<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Home Health Aide</li> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Monitor intake and output.	English: 12.7	
Provide emotional support for patients/clients and their families.		<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Home Health Aide</li> <li>○ Medical Assisting</li> <li>○ Nursing Assisting</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Competitive Events (High School)</b>
Assist the patient/client in admission, discharge, and/or transfer per facility policy.		<b>Health Professions Events</b> <ul style="list-style-type: none"> <li>○ Home Health Aide</li> <li>○ Nursing Assisting</li> </ul>
Follow the nursing care plan or restorative plan of care.		<b>Health Professions Events</b> <ul style="list-style-type: none"> <li>○ Nursing Assisting</li> </ul>
Remove peripheral IVs.		
Perform postmortem care.	English: 12.4, 12.7	<b>Health Professions Events</b> <ul style="list-style-type: none"> <li>○ Nursing Assisting</li> </ul>
<b>Preventing Medical Complications</b>		
Perform passive range of motion (ROM) for the patient.		<b>Health Professions Events</b> <ul style="list-style-type: none"> <li>○ Nursing Assisting</li> <li>○ Physical Therapy</li> </ul>
Maintain skin integrity.		<b>Health Professions Events</b> <ul style="list-style-type: none"> <li>○ Nursing Assisting</li> <li>○ Personal Care</li> </ul>
Apply antiembolic devices.		

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Competitive Events (High School)</b>
Assist a patient/client with coughing and deep-breathing exercises.	English: 12.7	
Assist a patient/client with incentive spirometry.	English: 12.4	
Assist with reapplication of oxygen therapy.		
Assist with wound care.	English: 12.7	
Assist with ostomy care per facility policy.		
Report edema.	English: 12.1, 12.4, 12.7	
<b>Understanding the Role of the Electrocardiogram (ECG)</b>		
Identify the steps required for obtaining a cardiac monitoring procedure.	English: 12.4	
Identify ECG recordings and abnormal rhythms.	English: 12.1, 12.4, 12.7	
Describe troubleshooting and maintenance of cardiac monitoring devices.	English: 12.4	
<b>Understanding Phlebotomy and Related Procedures</b>		
Describe basic human anatomy and physiology in relation to phlebotomy.	English: 12.4	<p><b>Health Professions Events</b></p> <ul style="list-style-type: none"> <li>○ Medical Assisting</li> </ul>

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Competitive Events (High School)</b>
Identify the steps in laboratory specimen collection.	English: 12.4, 12.7	<b>Health Professions Events</b> <ul style="list-style-type: none"> <li>○ Medical Assisting</li> </ul>
Respond to complications of phlebotomy.	English: 12.4	<b>Health Professions Events</b> <ul style="list-style-type: none"> <li>○ Medical Assisting</li> </ul>
Identify the steps in laboratory problems and making corrections.	English: 12.4	
Demonstrate specimen collection procedures appropriate to the patient.		
Explain the order of the draw for tubes.	English: 12.4	<b>Health Professions Events</b> <ul style="list-style-type: none"> <li>○ Medical Assisting</li> </ul>
Demonstrate the collection, handling, and processing of laboratory procedures.		
<b>Describing the Opioid Crisis</b>		
Describe the history and current state of the opioid crisis in the United States.	English: 12.5	
Describe the history and current state of the opioid crisis in Virginia.	English: 12.5, 12.8	

Task	SOL Correlations	HOSA Competitive Events (High School)
Define the pharmacological components and common uses of opioids.	English: 12.3, 12.8	
<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 Statistical Manual of Mental Disorders (DSM-5).	English: 12.5	
Describe the treatment models of addiction therapy.	English: 12.5	
Describe the medication management antidote used to prevent fatal opioid overdoses.	English: 12.5, 12.8	
<b>Understanding Pain Management Protocols</b>		
Explain the science of physiological and mental pain.	English: 12.3, 12.5	
Describe the diagnostic tools used in developing pain management plans.	English: 12.5	
Describe pain treatment options available to various populations of patients.	English: 12.5, 12.8	
Describe the effects of opioid dependency on the human body systems.	English: 12.5	

Task	SOL Correlations	HOSA Competitive Events (High School)
Explain the mechanism and physical effects of opioids on the human body.	English: 12.5	
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	
Describe the withdrawal and tapering side effects of opioid use.	English: 12.5	
Describe storage and disposal options for opioids.	English: 12.5, 12.8	
Explain community resources for education about opioid use.	English: 12.5	
<b>Working with Patients and Caregivers</b>		
Describe key communication topics involving opioids for patients.	English: 12.5	
Describe communication topics for caregivers and family members.	English: 12.5	