

# Standards Correlations

## Medication Aide (8368)

Task	SOL Correlations	HOSA 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> <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 Correlations
	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 Correlations</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	

Task	SOL Correlations	HOSA Correlations
	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 Correlations
	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	

Task	SOL Correlations	HOSA Correlations
	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 Correlations
	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	

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



<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Correlations</b>
Explore career opportunities related to the WBL experience.		
Participate in a WBL experience, when appropriate.		
<b>Examining Legal and Ethical Issues in Medication Management</b>		
Identify legal and ethical issues in medication management.	English: 11.5, 12.5 History and Social Science: GOVT.8, GOVT.9, WHI.5	Health Science Events o Knowledge Test: Medical Law and Ethics
Recognize the implication of a client's rights regarding medications, treatment decisions, and confidentiality.	English: 11.5, 12.5 History and Social Science: GOVT.8, GOVT.9, WHI.5	Health Science Events o Knowledge Test: Medical Law and Ethics o Knowledge Test: Pharmacology
Identify laws and regulations relating to the administration of medication in Virginia assisted living facilities (ALF).	English: 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.8, GOVT.9	Health Science Events o Knowledge Test: Medical Law and Ethics o Knowledge Test: Pharmacology
Identify permitted practices and acts prohibited by medication aides (MA) in Virginia.	English: 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.8, GOVT.9	
Identify the legal requirement to report the abuse, neglect, or exploitation of a client.	English: 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.8, GOVT.9	Health Science Events o Knowledge Test: Medical Law and Ethics
<b>Preparing for Safe Administration of Medications</b>		
Identify the principles of maintaining aseptic conditions.	English: 11.3, 11.5, 11.8, 12.3, 12.5, 12.8 History and Social Science: VUS.13, VUS.14	Health Professions Events o Home Health Aide o Medical Assisting o Nursing Assisting

Task	SOL Correlations	HOSA Correlations
		o Pharmacy Science
Identify emergencies and health-threatening conditions and the appropriate responses.	History and Social Science: VUS.13, VUS.14, WHI.5	Emergency Preparedness Events o CPR/First Aid
Identify basic principles of communicating with a cognitively impaired client.	English: 11.5, 12.5	
Record vital signs.	English: 11.2, 12.2	Health Professions Events o Home Health Aide o Nursing Assisting
Demonstrate understanding of international/military time.	English: 11.5, 12.5	
Identify the seven rights of medication administration.		Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
<b>Understanding Pharmacology Basics</b>		
Define key pharmacology terms, medical terminology, and abbreviations associated with medication administration.	English: 11.3, 11.5, 12.3, 12.5 History and Social Science: VUS.13, VUS.14	Health Science Events o Medical Terminology o Knowledge Test: Pharmacology
Explain how drugs are classified.	English: 11.3, 11.5, 12.3, 12.5 History and Social Science: VUS.13, VUS.14	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Pharmacy Science
Identify factors that affect drug action.	English: 11.5, 12.5 Science: BIO.4	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Pharmacy Science

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Correlations</b>
Facilitate a client's awareness of the purpose and effects of medications.		
Identify how to use drug information sources.	English: 11.3, 11.5, 11.8, 12.3, 12.5	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
Identify drug labeling requirements in Virginia.	English: 11.5, 12.5, 12.8 History and Social Science: GOVT.8, GOVT.9	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Pharmacy Science
<b>Examining Administration of Prepared Instillations and Treatments</b>		
Identify basic guidelines for administering medications.	English: 11.5, 12.5	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing o Pharmacy Science
Administer oral medications.	English: 11.5, 12.5	Health Science Events o Knowledge Test: Pharmacology
Administer eye drops and ointments.	English: 11.5, 11.6, 12.5, 12.6	Health Science Events o Knowledge Test: Pharmacology
Administer eardrops.	English: 11.5, 11.6, 12.5, 12.6	Health Science Events o Knowledge Test: Pharmacology
Administer nasal drops and sprays.	English: 11.5, 11.6, 12.5, 12.6	Health Science Events o Knowledge Test: Pharmacology
Administer topical preparations.		Health Science Events o Knowledge Test: Pharmacology
Administer compresses and dressings.	English: 11.5, 11.6, 12.5, 12.6	Health Science Events o Knowledge Test: Pharmacology
Administer vaginal products.	English: 11.5, 11.6, 12.5, 12.6	
Administer rectal products.	English: 11.5, 11.6, 12.5, 12.6	Health Science Events

Task	SOL Correlations	HOSA Correlations
		o Knowledge Test: Pharmacology
Administer soaks and sitz baths.	English: 11.5, 11.6, 12.5, 12.6 History and Social Science: WHI.6	
Administer oral hygiene products.		Health Professions Events o Nursing Assisting
Administer inhalation therapy products.	English: 11.5, 11.6, 12.5, 12.6	Health Science Events o Knowledge Test: Pharmacology
Administer a nebulizer treatment.	English: 11.5, 11.6, 12.5, 12.6	
Administer transdermal products.	English: 11.5, 11.6, 11.7, 12.5, 12.6, 12.7	Health Science Events o Knowledge Test: Pharmacology
Administer epinephrine injection.		Health Science Events o Knowledge Test: Pharmacology
<b>Documenting Medication Administration</b>		
Describe the three types of forms commonly used to document medication administration.		Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
Explain procedures for receiving and transcribing healthcare providers' (HCP) orders.	English: 11.5, 12.5	Health Science Events o Knowledge Test: Pharmacology Health Professions Events o Clinical Nursing
Document medication administration on the medication administration record (MAR).	English: 11.6, 11.7, 12.6, 12.7	
Document medication errors.	English: 11.6, 11.7, 12.6, 12.7	Health Science Events o Knowledge Test: Medical Law and Ethics o Knowledge Test: Pharmacology Health Professions Events

Task	SOL Correlations	HOSA Correlations
		o Pharmacy Science
<b>Practicing Storage and Disposal of Medication</b>		
Identify the procedures for storing and securing medications and equipment.	English: 11.5, 12.5	Health Professions Events o Pharmacy Science
Maintain an inventory of medications including controlled substances.	English: 11.6, 11.7, 12.6, 12.7 History and Social Science: GOVT.8, GOVT.9	Health Professions Events o Pharmacy Science
Identify the procedures for the disposal of medications.	English: 11.5, 12.5 History and Social Science: GOVT.8, GOVT.9	Health Professions Events o Pharmacy Science
<b>Examining Special Issues in Medication Administration</b>		
Identify special issues related to drug use in the elderly.	English: 11.5, 12.5	Health Science Events o Knowledge Test: Pharmacology
Explain the uses, adverse reactions, and special considerations for selected psychotropic medications.	English: 11.5, 12.5	Health Science Events o Knowledge Test: Pharmacology
Identify when a drug is a chemical restraint.	English: 11.5, 11.8, 12.5, 12.8 History and Social Science: GOVT.8, GOVT.9	Health Science Events o Knowledge Test: Medical Law and Ethics
Explain the importance of blood testing to monitor the therapeutic level of medication.	English: 11.3, 11.5, 12.3, 12.5	Health Science Events o Knowledge Test: Pharmacology
Identify medications considered inappropriate for the elderly.	English: 11.5, 12.5	Health Science Events o Knowledge Test: Pharmacology
Identify the reasons for a client's refusal to take medications and respond appropriately.	English: 11.5, 12.5	Health Science Events o Knowledge Test: Pharmacology

<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Correlations</b>
Identify issues related to over-the-counter (OTC) medications and herbal preparations of nonmedical substances.	English: 11.5, 12.5	Health Science Events o Knowledge Test: Pharmacology
<b>Exploring Insulin</b>		
Explain basic facts about diabetes mellitus.	English: 11.3, 11.5, 12.3, 12.5	Health Science Events o Knowledge Test: Pathophysiology
Identify activities involved in the management of diabetes.	English: 11.5, 12.5	Health Science Events o Knowledge Test: Pathophysiology
List the common causes and symptoms of hyperglycemia and hypoglycemia.	English: 11.6, 12.6	Health Science Events o Knowledge Test: Pathophysiology
Perform a finger stick procedure for blood glucose monitoring.		
Administer or assist the client with the self-administration of insulin.	English: 11.5, 12.5	
<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

Task	SOL Correlations	HOSA Correlations
		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 Statistical Manual of Mental Disorders (DSM-5).	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 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

Task	SOL Correlations	HOSA Correlations
		<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 diagnostic tools used in developing pain management plans.	English: 12.5	Health Science Events <ul style="list-style-type: none"> <li>o Knowledge Test: Nutrition</li> <li>o Knowledge Test: Transcultural Health Care</li> </ul> Teamwork Events <ul style="list-style-type: none"> <li>o Community Awareness</li> <li>o Creative Problem Solving</li> <li>o HOSA Bowl</li> </ul>
Describe pain treatment options available to various populations of patients.	English: 12.5, 12.8	Health Science Events <ul style="list-style-type: none"> <li>o Knowledge Test: Nutrition</li> <li>o Knowledge Test: Transcultural Health Care</li> </ul> Teamwork Events <ul style="list-style-type: none"> <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>



<b>Task</b>	<b>SOL Correlations</b>	<b>HOSA Correlations</b>
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>
Explain community resources for education about 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>
<b>Working with Patients and Caregivers</b>		
Describe key communication topics involving opioids for patients.	English: 12.5	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 Clinical Nursing</li> </ul>
Describe communication topics for caregivers and family members.	English: 12.5	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 Clinical Nursing</li> </ul>