

Standards Correlations

Health and Medical Sciences Exploratory (8371—36 weeks, 8370—18 weeks, 8369—9 weeks)

Task	SOL Correlations	HOSA Correlations
Demonstrating Personal Qualities and Abilities		
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	
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	

Task	SOL Correlations	HOSA Correlations
	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 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		

Task	SOL Correlations	HOSA Correlations
Demonstrate conflict-resolution skills.	English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.4, 8.6, 8.7, 8.9, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, VUS.1	
Demonstrate listening and speaking skills.	English: 6.1, 6.2, 6.4, 6.6, 7.1, 7.2, 7.4, 7.6, 8.1, 8.2, 8.4, 8.6, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate respect for diversity.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, USII.9, VUS.1, VUS.13, WG.1, WHI.1, WHII.1	
Demonstrate customer service skills.	English: 6.1, 6.4, 6.7, 7.1, 7.4, 7.7, 8.1, 8.4, 8.7, 9.1, 9.5, 9.6, 10.1, 10.5, 10.6, 11.1, 11.5, 11.6, 12.1, 12.5, 12.6 History and Social Science: CE.1, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Collaborate with team members	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
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	

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	History and Social Science: CE.1, CE.4, CE.12, GOVT.1, GOVT.15, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate career- and life-management skills.	English: 6.1, 6.7, 7.1, 7.7, 8.1, 8.7, 9.1, 9.6, 10.1, 10.6, 11.1, 11.6, 12.1, 12.6 History and Social Science: CE.1, CE.4, CE.12, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 8.4	
Demonstrate continuous learning and adaptability.	English: 6.1, 6.4, 6.7, 6.9, 7.1, 7.4, 7.7, 7.9, 8.1, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.3, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: BIO.1, CH.1, LS.1, PH.1, PH.4, PS.1	
Manage time and resources.	English: 6.1, 6.2, 6.4, 6.7, 6.9, 7.1, 7.2, 7.4, 7.7, 7.9, 8.1, 8.2, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 7.10, 7.11, 7.12, 7.13, 8.4, 8.11, 8.12, 8.13, 8.14, 8.17, 8.18, A.4, A.5, A.8, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, COM.1, COM.3, COM.5, COM.8	
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,	

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	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	
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	

Task	SOL Correlations	HOSA Correlations
Demonstrate proficiency with technologies, tools, and machines common to a specific occupation.	History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 7.9, 8.4, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AII.4, AII.7, AII.9, COM.1, COM.7, COM.10, COM.11, COM.12, COM.16 Science: CH.1, ES.1, LS.1, PH.1, PS.1	
Apply mathematical skills to job-specific tasks.	English: 6.4, 6.6, 6.7, 7.4, 7.6, 7.7, 8.4, 8.6, 8.7, 9.5, 9.6, 10.5, 10.6, 11.5, 11.6, 12.5, 12.6 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.1, 6.2, 6.5, 6.6, 6.12, 6.13, 6.14, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.8, 7.9, 7.11, 7.12, 7.13, 8.4, 8.5, 8.6, 8.8, 8.9, 8.10, 8.11, 8.12, 8.13, 8.14, 8.15, 8.16, 8.17, 8.18, A.1, A.3, A.4, A.5, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AFDA.8, AII.3, AII.7, AII.9, AII.10, COM.1, COM.7 Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1	
Demonstrate professionalism.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1	
Demonstrate reading and writing skills.	English: 6.1, 6.6, 6.7, 7.1, 7.6, 7.7, 8.1, 8.6, 8.7, 9.1, 9.5, 9.6, 9.7, 10.1, 10.5, 10.6, 10.7, 11.1, 11.5, 11.6, 11.7, 12.1, 12.5, 12.6, 12.7	

Task	SOL Correlations	HOSA Correlations
	History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: 6.1, PH.1, PS.1	
Demonstrate workplace safety.	English: 6.4, 7.4, 8.4, 9.5, 10.5, 11.5, 12.5 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1	
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.		
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.		

Task	SOL Correlations	HOSA Correlations
Participate in a WBL experience, when appropriate.		
Gaining an Overview of the Healthcare Industry		
Identify major factors influencing health care.	English: 6.6, 7.6, 8.6 History and Social Science: CE.3, CE.11, CE.12, GOVT.7, GOVT.8, GOVT.9, GOVT.12, VUS.8, VUS.14, WG.17, WG.18, WHI.2, WHI.3, WHI.10, WHII.4, WHII.8, WHII.9, WHII.14	
Summarize current research trends in health and medical science.	English: 6.6, 7.6, 8.6 History and Social Science: VUS.14, WG.17, WHII.14 Science: LS.1	HOSA Competitive Events (Middle School) Exploring Medical Innovation
Research issues affecting the future of health care.	English: 6.9, 7.9, 8.9 History and Social Science: CE.3, CE.14	HOSA Competitive Events (Middle School) Exploring Medical Innovation Public Health
Present issues affecting the future of health care.	English: 6.2, 7.1, 8.2 History and Social Science: VUS.14, WG.17, WHII.14	HOSA Competitive Events (Middle School) Exploring Medical Innovation Health Education Public Health

Task	SOL Correlations	HOSA Correlations
Define common medical terms used in the healthcare profession.	English: 6.4, 7.4, 8.4 History and Social Science: WHI.5, WHI.6, WHII.4 Science: LS.3	HOSA Competitive Events (Middle School) Foundations of Medical Terminology
Define common medical equipment and interventions used in the healthcare profession.	English: 6.4, 7.4, 8.4 History and Social Science: WHII.4	HOSA Competitive Events (Middle School) Foundations of Medical Terminology
Identify major healthcare delivery systems.	English: 6.6, 7.6, 8.6	
Identify milestones and outstanding figures in healthcare history.	English: 6.6, 7.6, 8.6 History and Social Science: USII.9, WHI.5, WHI.6, WHI.10, WHI.15, WHII.2, WHII.3, WHII.4	HOSA Competitive Events (Middle School) Health Career Exploration
Exploring Health Care as a Career		
Identify personal qualities typically needed for healthcare careers.	English: 6.6, 7.6, 8.6 History and Social Science: CE.4, CE.14	HOSA Competitive Events (Middle School) Health Career Display Health Career Exploration
Identify professional work practices specific to the healthcare worker.	English: 6.6, 7.6, 8.6 History and Social Science: CE.4, CE.14, VUS.13, VUS.14, WG.17, WHII.14	HOSA Competitive Events (Middle School) Health Career Display Health Career Exploration

Task	SOL Correlations	HOSA Correlations
Examine the importance of ethics as related to the healthcare worker.	English: 6.6, 7.6, 8.6 History and Social Science: CE.4, CE.14	
Investigate career opportunities available in health and medical science.	English: 6.6, 6.9, 7.6, 7.9, 8.6, 8.9 History and Social Science: CE.14	HOSA Competitive Events (Middle School) Health Career Display Health Career Exploration
Set career goals in light of personal strengths, weaknesses, and interests.	English: 6.9, 7.9, 8.9 History and Social Science: GOVT.8	HOSA Competitive Events (Middle School) Health Career Exploration Health Career Preparation
Describe the educational and licensure limitations related to health science careers.	English: 6.6, 7.6, 8.6 History and Social Science: CE.7, GOVT.7, GOVT.8	HOSA Competitive Events (Middle School) Health Career Exploration Health Career Preparation
Identify Virginia's health professional boards.	English: 6.6, 7.6, 8.6 History and Social Science: CE.7, CE.9, GOVT.7, GOVT.8, GOVT.14, GOVT.15	HOSA Competitive Events (Middle School) Health Career Exploration Health Career Preparation
Examining Effects on Healthcare Consumers		
Describe ideal health practices.	English: 6.6, 7.6, 8.6	HOSA Competitive Events (Middle School)

Task	SOL Correlations	HOSA Correlations
		Health Career Exploration Health Career Preparation Healthy Lifestyle Nutrition
Compare the types, purposes, and costs of healthcare insurance.	English: 6.6, 7.6, 8.6 History and Social Science: CE.13, CE.14, GOVT.7, GOVT.8, GOVT.9, GOVT.14, GOVT.15, VUS.13, VUS.14	
Identify the leading causes of death in the United States.	English: 6.6, 7.6, 8.6 History and Social Science: GOVT.9, VUS.14, WG.17, WHIL.14	
Describe the effects of the increasing human life expectancy on health care.	English: 6.6, 7.6, 8.6 History and Social Science: GOVT.7, GOVT.8, GOVT.9, GOVT.14, GOVT.15, VUS.14, WG.17, WHIL.14	HOSA Competitive Events (Middle School) Exploring Medical Innovation
Explain how diversity influences individual health care in the United States.	English: 6.6, 7.6, 8.6 History and Social Science: CE.3, CE.4, GOVT.7, GOVT.8, GOVT.9	
Describe the effects of marketing techniques that influence healthcare consumers.	English: 6.6, 7.6, 8.6 History and Social Science: CE.11	
Examining the Importance of Safety and Quality in the Healthcare Industry		

Task	SOL Correlations	HOSA Correlations
Identify safety regulations specific to health care.	English: 6.6, 7.6, 8.6 History and Social Science: CE.6, CE.9, GOVT.9, VUS.8, WHII.8	HOSA Competitive Events (Middle School) Public Health
Identify national and state agencies responsible for maintaining public health and safety.	English: 6.6, 7.6, 8.6 History and Social Science: CE.6, CE.9, GOVT.7, GOVT.8, GOVT.9, GOVT.14, GOVT.15, VUS.13, VUS.14	HOSA Competitive Events (Middle School) Public Health
Identify local community agencies that address health issues.	English: 6.6, 7.6, 8.6 History and Social Science: CE.9, GOVT.8	HOSA Competitive Events (Middle School) Public Health
Identify national nonprofit organizations that provide research, health education, and resources.	English: 6.6, 6.9, 7.6, 7.9, 8.6, 8.9 History and Social Science: CE.9, GOVT.9	HOSA Competitive Events (Middle School) Public Health
Demonstrate the use of personal protective equipment (PPE).	English: 6.1, 7.1, 8.2 History and Social Science: VUS.8, WHII.8	HOSA Competitive Events (Middle School) Life Threatening Situations Public Health
Demonstrate hand hygiene techniques.	English: 6.1, 6.6, 7.1, 7.6, 8.2, 8.6 History and Social Science: VUS.8, WHII.8	
Demonstrating Safety		
Explore body mechanics in lifting, pulling, and pushing.	English: 6.9, 7.9, 8.9 History and Social Science: VUS.8, WHII.8	

Task	SOL Correlations	HOSA Correlations
Demonstrate body mechanics as it relates to the musculoskeletal system.	English: 6.1, 7.1, 8.2 History and Social Science: VUS.8, WHII.8	
Explain fire safety procedures.	English: 6.6, 7.6, 8.6 History and Social Science: VUS.8, WHII.8	
Describe the purposes and methods of medical asepsis.	English: 6.6, 7.6, 8.6	
Practicing First Aid Techniques		
Explain appropriate first aid.	English: 6.6, 7.6, 8.6 History and Social Science: VUS.8, WHII.8	HOSA Competitive Events (Middle School) Life Threatening Situations
Explain one-rescuer cardiopulmonary resuscitation (CPR) on an adult or child.	English: 6.6, 6.9, 7.6, 7.9, 8.6, 8.9	HOSA Competitive Events (Middle School) Life Threatening Situations
Demonstrate one-rescuer cardiopulmonary resuscitation (CPR) on an adult or child.	English: 6.6, 6.9, 7.6, 7.9, 8.6, 8.9	HOSA Competitive Events (Middle School) Life Threatening Situations
Explain foreign body airway obstruction (FBAO) procedures for a conscious and unconscious adult and child.	English: 6.6, 6.9, 7.6, 7.9, 8.6, 8.9	HOSA Competitive Events (Middle School) Life Threatening Situations
Demonstrate foreign body airway obstruction (FBAO) procedures for a conscious and unconscious adult and child.	English: 6.9, 7.9, 8.9	HOSA Competitive Events (Middle School) Life Threatening Situations

Task	SOL Correlations	HOSA Correlations
Explain infant resuscitation.	English: 6.6, 6.9, 7.6, 7.9, 8.6, 8.9	HOSA Competitive Events (Middle School) Life Threatening Situations
Demonstrate infant resuscitation.		HOSA Competitive Events (Middle School) Life Threatening Situations
Explain foreign body airway obstruction (FBAO) procedures for a choking conscious and unconscious infant.	English: 6.6, 6.9, 7.6, 7.9, 8.6, 8.9	HOSA Competitive Events (Middle School) Life Threatening Situations
Demonstrate foreign body airway obstruction (FBAO) procedures for a choking conscious and unconscious infant.	English: 6.9, 7.9, 8.9	HOSA Competitive Events (Middle School) Life Threatening Situations