



**NCHSE**  
National Consortium for  
Health Science Education



# HOSA Competitive Events National Health Science Standards Crosswalk

UPDATED OCTOBER 2025

## Introduction to the NHSS Crosswalk

The [National Consortium for Health Science Education \(NCHSE\)](#), in partnership with [HOSA–Future Health Professionals](#), provides an annual crosswalk of the [National Health Science Standards](#) and the [HOSA Competitive Events Program](#).

The National Health Science Standards (NHSS) provide a consistent, trusted framework for preparing students to become health professionals. Developed with input from business and industry experts, the NHSS establish a clear understanding of industry and postsecondary expectations for teachers and students. Broad in scope, the Standards outline essential knowledge common across all health professions, ensuring students are college and career ready. They guide curriculum design, instruction, and assessment while extending beyond the content of the eleven defined standards.

## Certification & Competitive Events

Through a partnership with YouScience, NCHSE offers students the opportunity to earn nationally recognized, industry-backed certificates that validate their mastery of the NHSS.

The HOSA–Future Health Professionals Competitive Events Program complements the NHSS by recognizing the competencies developed through classroom instruction, job training, and HOSA activities. This continually evolving program offers a wide range of healthcare-related competitive events at state, national, and international conferences.

## Student Growth & Educator Support

Participation provides more than recognition—it builds confidence as students prepare for competition, refine their skills, and apply their learning to new settings. Members also benefit from connecting with peers, health professionals, and HOSA members worldwide, further reinforcing their identity as professionals in training committed to careers in healthcare.

This crosswalk is a valuable resource for health science teachers and HOSA advisors, helping them:

- Integrate and reinforce industry-recognized standards through engaging competitive events.
- Support curriculum planning and ensure alignment with educational content.
- Guide students in selecting appropriate competitive events that match their skills and goals.

The competitive events also serve as a teaching strategy—bringing energy and activity to the classroom while reinforcing the National Health Science Standards. Event guidelines provide rubrics that measure and assess student knowledge and skills.

## Connecting Standards & Events

The crosswalk links the National Health Science Standards (NHSS) with HOSA Competitive Events to align curriculum, guide event selection, and reinforce learning - showcasing HOSA's role in elevating health science education nationwide.

## Secondary and Postsecondary/Collegiate Events

HOSA Competitive Events <small>Blue Indicates a New Event</small>	National Health Science Standards										
	STANDARD 1 Academic Foundations	STANDARD 2 Communica-tions	STANDARD 3 Stystems	STANDARD 4 Employability Skills	STANDARD 5 Legal Responsibil-ities	STANDARD 6 Ethics	STANDARD 7 Safety Practices	STANDARD 8 Teamwork	STANDARD 9 Health Maintenance Practices	STANDARD 10 Technical Skills	STANDARD 11 Information Technology in Healthcare
Barbara James Service Award											
Behavioral Health	*	*	*	*	*	*			*		*
Biomedical Debate		*						*			
Biomedical Equipment Technician	*		*	*	*		*	*		*	*
Biotechnology	*			*			*			*	*
CERT Skills		*				*	*	*		*	
Clinical Laboratory Science	*		*				*			*	
Clinical Nursing	*	*	*	*	*	*	*	*	*	*	*
Clinical Specialty		*		*						*	*
Community Awareness		*						*			
CPR/First Aid	*	*				*	*	*		*	
Creative Problem Solving		*						*			
Dental Science	*	*		*	*	*	*		*	*	*
Dental Terminology	*	*			*	*	*				
EMT	*	*					*	*		*	
Emotional Well-Being Challenge		*						*	*		
Epidemiology	*								*		
Extemporaneous Writing-Health Policy		*									*
Family Medicine Physician		*	*	*							
Forensic Science		*						*			
Healthcare Administration		*	*	*	*	*	*	*	*		*
Health Career Display		*		*				*			
Health Career Photography		*		*	*						
Health Informatics	*									*	*

## Secondary and Postsecondary/Collegiate Events

HOSA Competitive Events <small>Blue Indicates a New Event</small>	National Health Science Standards										
	STANDARD 1 Academic Foundations	STANDARD 2 Communica- tions	STANDARD 3 Systems	STANDARD 4 Employability Skills	STANDARD 5 Legal Responsibil- ities	STANDARD 6 Ethics	STANDARD 7 Safety Practices	STANDARD 8 Teamwork	STANDARD 9 Health Maintenance Practices	STANDARD 10 Technical Skills	STANDARD 11 Information Technology in Healthcare
Health Literacy Ambassador		*	*		*						
Healthy Living		*							*		*
Healthcare Issues Exam											*
Health Education		*						*			
Home Health Aide	*	*		*	*	*	*		*	*	*
HOSA Bowl	*	*	*	*	*	*	*	*	*		
HOSA Happenings		*									
HOSA Service Project											
Human Growth & Development		*				*			*		
Interviewing Skills		*		*							
Job Seeking Skills		*		*							
Life Support Skills		*				*	*			*	
Medical Assisting	*	*	*	*	*	*	*	*		*	*
Medical Innovation		*	*					*			*
Medical Law & Ethics					*	*					*
Medical Math	*	*									
Medical Reading		*									
Medical Spelling		*									
Medical Terminology		*									
MRC Partnership		*						*			
Mental Health Promotion	*	*	*			*		*	*		*
Nursing Assisting	*	*	*	*	*	*	*	*		*	*
Nutrition						*			*		
Occupational Therapy	*	*		*	*	*	*		*	*	

## Secondary and Postsecondary/Collegiate Events

HOSA Competitive Events <small>Blue Indicates a New Event</small>	National Health Science Standards										
	STANDARD 1 Academic Foundations	STANDARD 2 Communica- tions	STANDARD 3 Stystems	STANDARD 4 Employability Skills	STANDARD 5 Legal Responsibil- ities	STANDARD 6 Ethics	STANDARD 7 Safety Practices	STANDARD 8 Teamwork	STANDARD 9 Health Maintenance Practices	STANDARD 10 Technical Skills	STANDARD 11 Information Technology in Healthcare
Organizational Leadership		*		*	*	*		*			
Parliamentary Procedure		*						*			
Pathophysiology	*										
Patient Care Technician	*	*	*	*	*	*	*	*		*	*
Personal Care		*		*	*	*	*		*	*	*
Pharmacology	*	*	*	*	*	*	*				
Pharmacy Science	*	*	*	*	*	*	*			*	*
Phlebotomy	*	*		*	*	*	*			*	
Physical Therapy	*	*		*	*	*	*			*	
Prepared Speaking		*									
Public Health		*						*	*		
Public Service Announcement		*						*			
Research Poster	*	*									
Researched Persuasive Writing											
Respiratory Therapy	*	*		*	*	*	*		*	*	
Speaking Skills		*									
Sports Medicine	*	*		*	*	*	*			*	
<b>Surgical Technologist</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>		<b>*</b>	
Veterinary Science	*			*			*			*	
World Health & Disparities	*					*					

## Middle School Events

HOSA Competitive Events  <small>Blue Indicates a New Event</small>	National Health Science Standards										
	STANDARD 1 Academic Foundations	STANDARD 2 Communica-tions	STANDARD 3 Systems	STANDARD 4 Employability Skills	STANDARD 5 Legal Responsibil-ities	STANDARD 6 Ethics	STANDARD 7 Safety Practices	STANDARD 8 Teamwork	STANDARD 9 Health Maintenance Practices	STANDARD 10 Technical Skills	STANDARD 11 Information Technology in Healthcare
Barbara James Service Award											
Dynamic Decisions		*						*			
Emotional Well Being Challenge		*						*	*		
Exploring Medical Innovation		*	*					*			*
Extemporaneous Health Poster		*									
First Step Career Skills		*		*				*			
Foundations of Healthy Living		*							*		*
Foundations of HOSA Bowl	*	*	*	*	*	*	*	*	*		
Foundations of Medical Reading		*									
Foundations of Medical Terminology		*									
Foundations of Nutrition						*			*		
Foundations of Veterinary Science		*		*	*		*			*	
Health Literacy Ambassador		*	*		*						
Health Career Display		*		*				*			*
Health Career Exploration	*		*	*	*	*	*				*
Health Career Preparation	*	*		*							*
Health Education		*						*			*
HOSA Happenings		*									
Life Threatening Situations	*	*					*			*	
Math for Health Careers	*	*									
Prepared Speaking		*									
Public Health		*						*	*		*
Speaking Skills		*									