

Health Career Exploration

Health Science Event

Eligible Divisions: Middle School	Round 1: 50 Q test in 60 minutes	Digital Upload: NO
Solo Event: 1 competitor		



New for 2024 - 2025

A new edition of Health Science Concepts and Skills has been released. Editorial updates have been made.

Event Summary

Health Career Exploration allows **Middle School Division** HOSA members to explore and learn about the five health career clusters and gain knowledge about career skills, fundamental skills, and professional and academic knowledge within various health careers. This competitive event shall be a 50-item multiple-choice written test with one tiebreaker essay question. The event aims to inspire members to be proactive future health professionals and recognize, identify, define, interpret, and apply terms related to health careers.

TEXAS HOSA

Make sure to read the Texas General Rules and Regulations for the updated “**Electronic Device Policy**”.

Texas State Leadership Conference

The State written exam will be given in person at Kalahari to those who advanced from each Area. The top 3 individual scores from State will advance to ILC.

Dress Code

Proper business attire or official HOSA uniform. Bonus points will be awarded for [proper dress](#).

Competitor Must Provide:

- [A Photo ID](#)
- Two #2 lead pencils (not mechanical) with eraser

General Rules

1. Competitors must be familiar with and adhere to the [General Rules and Regulations](#).

Official References

2. The references below are used in the development of the test questions.
 - a. [Winger and Blahnik. Introduction to Health Science: Pathways to Your Future. Goodheart-Willcox Publisher. Latest Edition.](#)
 - b. [Marshall and Roe. Health Science Concepts and Applications. Goodheart-Willcox Publisher. Latest Edition.](#)

Written Test

3. [Test Instructions](#): The written test will consist of 50 multiple-choice items in a maximum of 60 minutes.
4. One essay question will be administered with the original test.
5. **Time Remaining Announcements**: There will be NO verbal announcements for time remaining during ILC testing. All ILC testing will be completed in the Testing Center and competitors are responsible for monitoring their own time.

Test Plan

6. The test plan for the Health Career Exploration Test is:

- Health Informatics - 10%
- Therapeutics - 10%
- Diagnostics - 10%
- Support Services - 10%
- Biotechnology - 10%
- Communication - 10%
- Employability Skills - 10%
- Healthcare Laws & Ethics - 10%
- Safety & Infection Control - 10%
- Lifespan Development - 10%

7. Sample Test Questions

1. What device do healthcare workers use to measure angles associated with joint movement?
(Winger pp 253)
 - A. Inclinator
 - B. Nanometer
 - C. Refractometer
 - D. Goniometer**

2. Which set of alphanumeric codes is used to organize diseases for reimbursement? (Winger pp 538)
 - A. ICD**
 - B. AMA
 - C. WHO
 - D. CPT

3. Which pulse is measured by listening to the heart with a stethoscope? (Marshall pp 333)
 - A. carotid
 - B. ulnar
 - C. apical**
 - D. radial

Final Scoring

8. In case of a tie, the essay will be judged and used to break the tie.