

2017-18 HOSA Competitive Event Topics and Procedure List

The following information will help guide student competitors as they prepare for the 2018 SD HOSA State Leadership Conference (SLC). HOSA competitors should be fully aware of this information in regard to the procedures and event topics the conference is offering. Competitors are responsible for understanding and following the event guidelines. For events regarding procedures (ie: health professions and emergency preparedness events), competitors may be asked to complete up to 2 different procedures in that event.

****Note: All rules and guidelines are national guidelines; however, SD may alter the guidelines that make sense for our state. For example, there may not be a Round 1 rating for a particular event due to lack of numbers and all competitors qualify for Round 2 (ie: Public Health Event)***

Health Professions Category:

1. Biomedical Lab Science
 - a. Competitors will complete **two of the following four** procedures:
 - i. Skill II: Infection control and transmission-based precautions
 - ii. Skill V: ABO Blood grouping
 - iii. Skill VI: Gram Stain
 - iv. Skill VII: Preparing a lab solution
2. Clinical Nursing
 - a. Competitors will complete **two of the following four** procedures:
 - i. Skill I: Administer medication- Intramuscular
 - ii. Skill III: Measuring oxygen saturation
 - iii. Skill IV: Discontinuing peripheral IV access
 - iv. Skill VI: Applying a nasal cannula or oxygen mask
3. Clinical Specialty
 - a. See event guidelines (<http://www.hosa.org/node/117>)
4. Dental Science
 - a. Competitors will complete **two of the following four** procedures:
 - i. Skill II: Seating the dental patient
 - ii. Skill IV: Patient education-Brushing and flossing
 - iii. Skill V: Preparing an alginate impression
 - iv. Skill VII: Treating contaminated tray in the sterilization center
5. Home Health Aide
 - a. Competitors will complete **two of the following four** procedures:
 - i. Skill I: Taking an adult tympanic temperature
 - ii. Skill II: Taking an apical pulse
 - iii. Skill IV: Changing a dry dressing using non-sterile technique
 - iv. Skill VIII: Applying elasticized stockings
6. Medical Assisting
 - a. Competitors will complete **two of the following four** procedures:
 - i. Skill I: Perform a telephone screening
 - ii. Skill III: Obtain a record a patient health history
 - iii. Skill VII: Test urine with reagent strips
 - iv. Skill VIII: Sterile gloving

2017-18 HOSA Competitive Event Topics and Procedure List

7. Nursing Assisting
 - a. Competitors will complete **two of the following four** procedures:
 - i. Skill I: Hand-washing
 - ii. Skill III: Make an occupied bed
 - iii. Skill V: Transfer patient with specified disability from bed to a wheelchair
 - iv. Skill VIII: Changing a patients gown
8. Physical Therapy
 - a. Competitors will complete **two of the following four** procedures:
 - i. Skill I: Ambulating with a transfer (gait) belt
 - ii. Skill III: Ambulating with a cane
 - iii. Skill IV: Range of motion
 - iv. Skill V: Ambulating with crutches
9. Sports Medicine
 - a. Competitors will complete **two of the following four** procedures:
 - i. Skill I: Flexibility exercises (10 stretches)
 - ii. Skill IIB: Assess ROM and strength testing of ankle and foot
 - iii. Skill IIIA: Taping of ankle
 - iv. Skill IIIB: Taping of arch
10. Veterinary Science
 - a. Competitors will complete **two of the following four** procedures:
 - i. Skill I: Preparation of the operative site
 - ii. Skill II: Lifting and restraining a dog
 - iii. Skill V: ID of companion animal breeds/species
 - iv. Skill VII: Apply/Remove gauze restraint muzzle

Emergency Preparedness Category:

1. CPR/First Aid
 - a. Teams will complete **two of the following four** procedures: The team will have to perform one in each category.
 - i. First Aid Skill III: Compound fracture and splinting (Rescuer 1 initiates)
 - ii. First Aid Skill V: Heat Related Emergency(Rescuer 1 initiates)
 - iii. BLS Skill VII: Adult BLS/CPR (Rescuer 2 initiates/Rescuer 1 assists)
 - iv. BLS Skill VIII: Adult BLS with AED (Rescuer 2 initiates/Rescuer 1 assists)
2. EMT
 - a. Teams will complete **two of the following four** procedures
 - i. Skill I: Patient Assessment-Trauma
 - ii. Skill IV-A: Spinal Immobilization-Seated patient
 - iii. Skill IV-B: Spinal Immobilization-Supine patient
 - iv. Skill VI: Cardiac arrest management/AED
3. Epidemiology
 - a. See event guidelines (<http://www.hosa.org/node/117>)

2017-18 HOSA Competitive Event Topics and Procedure List

4. Public Health
 - a. See event guidelines (<http://www.hosa.org/node/117>)
 - b. Teams will present on the following:
 - i. **2017-18 Topic: Preventing Teen Dating Violence**

Leadership Category:

1. Extemporaneous Health Poster
 - a. Topic will be announced at the event (<http://www.hosa.org/node/117>)
2. Extemporaneous Writing
 - a. Topic will be presented after students have entered the event room
 - b. See event guidelines (<http://www.hosa.org/node/117>)
3. Healthy Lifestyle
 - a. See event guidelines (<http://www.hosa.org/node/117>)
4. Job Seeking Skills
 - a. See event guidelines (<http://www.hosa.org/node/117>)
5. Health Career Photography
 - a. See event guidelines (<http://www.hosa.org/node/117>)
6. Prepared Speaking
 - a. Speech on HOSA's National Theme- **"Create Your Future"**
7. Researched Persuasive Writing and Speaking
 - a. Students write a paper and speak about **one** of the following **two** topics:
 - i. **Peanut Allergies: Is our world too clean for our children?**
 - ii. **Gene Editing: Cures or Scary Science?**

Teamwork Category:

1. Biomedical Debate
 - a. Teams will debate the following topic
 - i. **2017-18 Topic: Teen Use of Social Media Should be Limited**
 1. Research resources can be found here: (<http://www.hosa.org/node/117>)
2. Community Awareness
 - a. See event guidelines (<http://www.hosa.org/node/117>)
3. Creative Problem Solving
 - a. Topic will be announced at the event
 - b. See event guidelines (<http://www.hosa.org/node/117>)
4. Forensic Medicine
 - a. Case study and observation to be done at the event
 - b. See event guidelines (<http://www.hosa.org/node/117>)
5. Health Care Team Event
 - a. See event logistics (<http://sdhosa.org/IPE-and-the-health-care-team-event>)
6. Health Career Display
 - a. See event guidelines (<http://www.hosa.org/node/117>)
7. Health Education
 - a. See event guidelines (<http://www.hosa.org/node/117>)

2017-18 HOSA Competitive Event Topics and Procedure List

8. HOSA Bowl
 - a. See event guidelines (<http://www.hosa.org/node/117>)
9. Medical Innovation
 - a. See event guidelines (<http://www.hosa.org/node/117>)
10. Parliamentary Procedure
 - a. See event guidelines (<http://www.hosa.org/node/117>)
11. Public Service Announcement (PSA)
 - a. Teams will produce a 30 second PSA on the following topic:
 - i. 2017-18 Topic: Pre-Diabetes- Stopping a Runaway Train***
12. Rare Disease Display Event
 - a. Teams participate in Sanford PROMISE shadow program and create a display on a rare disease
 - b. <http://sdhosa.org/articles/rare-disease-display-competition-at-2018-slc>

Health Science Category:

1. Dental Terminology
 - a. See event guidelines (<http://www.hosa.org/node/117>)
2. Medical Math
 - a. See event guidelines (<http://www.hosa.org/node/117>)
3. Medical Reading
 - a. See event guidelines (<http://www.hosa.org/node/117>)
4. Medical Spelling
 - a. See event guidelines (<http://www.hosa.org/node/117>)
5. Medical Terminology
 - a. See event guidelines (<http://www.hosa.org/node/117>)
6. Knowledge Tests (*Medical Law and Ethics, Human Growth and Development, Pathophysiology, Pharmacology, Nutrition, Transcultural Health, Behavioral Health*)
 - a. See event guidelines (<http://www.hosa.org/node/117>)

Recognition Events:

1. Barbara James Service Award
 - a. See event guidelines (<http://www.hosa.org/node/117>)
2. Health Care Issues Exam
 - a. See event guidelines (<http://www.hosa.org/node/117>)
3. HOSA Happenings
 - a. See event guidelines (<http://www.hosa.org/node/117>)
4. National Service Project
 - a. See event guidelines (<http://www.hosa.org/node/117>)
5. HOSA Chapter Reflection
 - a. See event guidelines (<http://www.hosa.org/node/117>)