

**Health Professions and Emergency  
Preparedness Skills to be Evaluated  
at 2023-2024 Regional Conferences**



| Event   | Skill 1  | Skill 2  |
|---|--|--|
| <b>Biotechnology</b>  | Skill IV: DNA Gel Interpretation – Digested DNA  | Skill VII: Calculation of Transformation Efficiency                  |
| <b>Clinical Laboratory Science</b>                              | Skill II: Infection control & transmission-based precautions   | Skill V-B: Staining a Blood Film or Smear                            |
| <b>Clinical Nursing</b>   | Skill 1-B: Administer Medication Subcutaneous  | Skill VIII: Donning & Doffing PPE                                    |
| <b>Dental Science</b>   | Skill I: Dental Instrument Identification  | Skill V: Patient Education: Brushing and Flossing                    |
| <b>Foundations of Veterinary Science - Middle School (NEW!)</b> | Skill I: Identification of Companion Animal Breeds/Species   | Skill IV: Tick Removal (on either Dog or Cat)                        |
| <b>Home Health Aide</b>   | Skill I: Taking a Apical Pulse   | Skill VIII: Applying Elasticized Stockings                           |
| <b>Medical Assisting</b>  | Skill I: Perform a Telephone Screening   | Skill VIII: Sterile Gloving  |
| <b>Nursing Assisting</b>  | Skill I: Handwashing   | Skill II: Donning & Doffing a Full Set of PPE                        |
| <b>Personal Care**</b> (IDEA qualified event)                   | Skill I: Handwashing   | Skill II: Donning & Doffing a Full Set of PPE                        |
| <b>Pharmacy Science</b>   | Skill I: Identifying Equipment   | Skill V: Patient Screening for Pharmacist Consultation and Services  |
| <b>Phlebotomy (NEW!)</b>  | Skill IV: Steps to Follow if a Patient Starts to Faint During Venipuncture                           | Skill VI: Removing Contaminated Gloves                               |
| <b>Physical Therapy</b>   | Skill II: Ambulating with a Walker   | Skill VIII: Donning & Removing Transmission-Based Isolation Garments |
| <b>Respiratory Therapy (NEW!)</b>                               | <b>TBD</b>   | <b>TBD</b>   |
| <b>Sports Medicine</b>  | Skill I: Anatomical Landmark Identification ( <b>see event mods for list of landmarks to study</b> ) | Skill III: Taping/Wrapping A. Ankle (Inversion)                      |
| <b>Veterinary Science</b>                                       | Skill I: Identify Instruments/Equipment  | Skill IV: Simple Fecal Flotation                                     |

|   |                                       |  |
|---|---------------------------------------|--|
| <b>CERT</b>   | Skill II: Head-to-Toe Assessment      | Skill III: Lifts & Carries                         |
| <b>CPR/First Aid</b>                                | Skill II A&B: Adult BLS/CPR with AED  | Skill IX: Administer Epinephrine Pen               |
| <b>Life Support Skills**</b> (IDEA qualified event) | Skill II: Adult BLS with AED          | Skill IV: Administer Epinephrine Pen               |
| <b>Life Threatening Situations (Middle School)</b>  | Skill I: Call 911                     | Skill III: Position the Unconscious Injured        |
| <b>Emergency Medical Technician</b>                 | Skill II: Patient Assessment- Medical | Skill IX: Administer Naloxone (Nasal Spray NARCAN) |

### **Foundations of Medical Reading (Middle School)**

- On Fire: The 7 Choices to Ignite a Radically Inspired Life by John O’Leary
- All that Moves Us: A Pediatric Neurosurgeon, His Young Patients, and Their Stories of Grace and Resilience by Jay Wellons
- Don’t Kill the Birthday Girl: Tales from an Allergic Life by Sandra Beasley

**\*\*ALL THREE BOOKS WILL BE TESTED ON AT THE REGIONAL LEVEL**

### **Medical Reading (Secondary & Post-Secondary divisions)**

- How the Other Half Eats: The Untold Story of Food and Inequality in America by Priya Fielding-Singh
- A Molecule Away from Madness: Tales of the Hijacked Brain by Sara Manning Peskin
- The Facemaker: A Visionary Surgeon’s Battle to Mend the Disfigured Soldiers of World War I by Lindsey Fitzharris
- Wonder Drug: 7 Scientifically Proven Ways That Serving Others Is the Best Medicine for Yourself by Stephen Trzeciak, M.D. & Anthony Mazzairell, M.D.
- All that Moves Us: A Pediatric Neurosurgeon, His Young Patients, and Their Stories of Grace and Resilience by Jay Wellons

**\*\*THE BOOKS HIGHLIGHTED IN YELLOW ARE THE THREE BOOKS COMPETITORS WILL BE TESTED ON AT THE REGIONAL LEVEL. ALL FIVE BOOKS WILL BE TESTED ON AT THE STATE LEVEL.**

For a complete list of competitive event topics and updates for 2022-2023, please visit <https://hosa.org/wp-content/uploads/2023/09/23-24-CE-Updates-OnePager.pdf>