

Gotta-Have-It Chart

State Advisor Version



This is the Gotta-Have-It Chart - State Advisor Style! Have you ever wanted all the equipment and supplies you needed for competition all in one file? Look no more!

Biomedical Debate

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Contact Cards to be filled out by teams
- Evaluation Forms – competitor and personnel
- Competitor list(s) for check-in

Round Two Debate:

- Debate room – 2 team tables, one podium, one judge table
- Competitor list(s) for check-in
- Calculators, notepads, pencils for judges
- Stopwatch and/or timer, one per section
- Cards for drawing affirmative or negative
- Affirmative/Negative signs for team tables
- Topic cards for judges
- Rating Sheets – one affirmative and one negative per judge per team
- Biomedical Debate Script- one per judge
- Evaluation Forms – competitor, judge and personnel
- Pencils to complete the forms
- Copy of Guidelines for judges

Biomedical Laboratory Science

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- Competitor list(s) for check-in

Round Two Skill(s):

- Clinical and/or laboratory stations for selected procedures
- Holding rooms or areas for competitors (if off-site)
- Competitor list(s) for check-in
- Written scenario
- Patient and judge scripts as needed
- Calculators, note pads, pencils for judges
- Stopwatch, one per section
- Hand sanitizer (alcohol based handrub)
- Rating Sheets – one per judge per competitor
- Evaluation Forms – competitor, judge and personnel

Pencils to complete the forms

Copy of Guidelines for judges

Skill I: Identifying Instruments

15 instruments or photos from list in guidelines

Blank forms (one for each competitor)

Skill II: Infection Control

Sink

Antiseptic soap

Disposal receptacle for used items

Biohazard bags or other plastic bags with materials for labeling

Skill III: Agar Plate

Pre-inoculated (simulated) swabs stored in capped culture tube or swab packaging

Blood agar plates

Sterile disposable inoculating loops, 3 per competitor

Incubator set at 35-37 degrees Celsius (may be simulated)

Waterproof marker (fine-point Sharpie®)

Biohazard container

Skill IV: Using a Microscope

Microscope with low, high power and oil-immersion lenses

Lens paper

Prepared slides

Immersion oil

Materials for cleaning microscope

Lens cleaner

Skill V: ABO Grouping

Product Available: Ward's Natural Science Simulated ABO Blood Typing Lab Activity 36Woo22

Antiseptic

EDTA anticoagulated blood specimen (simulated)

Lab timer

Pen or pencil for labeling slides

Applicator sticks or stirrers

Disposable plastic pipets

Anti-A

Anti-B

Cell typing slides

ABO worksheet (one for each competitor)

Biohazard container

Skill VI: Gram Stain

Sink with tap water and/or distilled water from beaker or plastic squeeze bottle

Gram stain kit or individual gram stain reagents

Microscope

Staining rack

Lens paper/gauze or soft tissue

Bibulous paper

Lab timer

Saline

Biohazard container

Sharps container

- Forceps or spring clothespin
- Prepared smear (one per competitor)

Skill VII: Preparing a Laboratory Solution

- Hand antiseptic
- Full-face shield
- Pipets, volumetric and serological
- Pipet-aids
- Pipet filler-dispenser
- Beakers
- Graduated cylinders
- Distilled water or saline solution (solvent)
- Solute
- Lab tissue or paper towels
- Surface disinfectant
- Biohazard container
- "Storage Area" (as indicated in scenario)
- Scenario with Volume/Volume solution problem
- Pencils for competitors
- Towels

CERT Skills

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- Competitor list(s) for check-in

Round Two Skill(s):

- Rooms or off-site locations for selected skills
- Holding rooms or areas for competitors (if off-site)
- Calculators, note pads, pencils for judges
- Stopwatch, one per section
- Written scenario
- Props as needed per scenario/guidelines
- Patient and judge scripts as needed
- Rating sheets – one per judge per team
- Evaluation Forms – competitor, judge and personnel
- Pencils to complete evaluations
- Competitor list(s) for check-in

Skill I: Treating Conditions

- Two victims – one manikin and one role player
- Moulage for bleeding victim

Skill II: Triage

- Four to eight victims, can be manikins and/or role players
- Letters for labeling each victim – A through H
- Moulage and/or injury condition cards for each victim

Skill III: Head-to-Toe Assessment

- Two victims

Skill IV: Lifts and Carries

- One victim who is small of stature (Skill IV-A)
- Four victims – living or manikin (Skill IV-B)
- Chairs, tables and assorted furniture
- "Safe Area" sign
- No scenario required: this skill is designed for simple demonstration

Skill V: Splinting

- One victim
- Assorted materials that could be used as splints, ties or padding
- "Safe Area" sign

Clinical Nursing

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- Competitor list(s) for check-in

Round Two Skill(s):

- Clinical and/or lab stations for selected procedures
- Hospital beds or exam tables (with linens)
- Bedside or over bed table (if in scenario)
- Hand sanitizer (alcohol based handrub)
- Holding rooms or areas for competitors (if off-site)
- Competitor list(s) for check-in
- Written scenario
- Patient and judge scripts as needed
- Calculators, note pads, pencils for judges
- Stopwatch, one per section
- Rating sheet – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Copy of guidelines for judges

Skill I & II: Administer Medication

- Sterile safety syringe of correct size
- Sterile safety syringes of incorrect size
- Labeled medication to be injected
- Labeled medications to serve as distractions
- Medication Administration Record (MAR)
- Patient chart with physician orders (scenario) and nurse notes
- Needle/syringe sharps container
- Disinfectant for skin/alcohol wipes
- Injection pad or chase doll (manikin) for injection with identification band
- Patient (optional)
- Waste container

Skill III: Measuring Oxygen Saturation

- ID band
- Nail polish remover and cotton balls

- Oximeter with finger probe
- Patient chart with physician orders (scenario) and nurse notes
- Patient

Skill IV: Discontinuing IV

- Waste container and plastic bags for waste
- Simulated IV dressing to be removed
- Manikin arm
- Patient (optional)
- Patient chart with physician orders (scenario) and nurse notes
- IV set-up with bottle/bag, tubing and catheter, taped to manikin arm
- 2x2" gauze sponges
- Tape
- ID band

Skill V: Catheterization

- Doll (manikin) for catheterization with ID band
- Patient chart with physician orders (scenario) and nurse notes
- Waterproof pads
- Lamp or other light source as applicable

Skill VI: Applying Nasal Cannula

- ID band
- Oxygen set-up, wall unit or tank, with tubing, humidifier and flow meter
- Manikin or person as patient
- Scenario with physician orders indicating oxygen delivery device to be applied and flow rate
- Nurse notes
- One or more of the following oxygen delivery devices (as written in scenario):
 - Nasal cannula
 - Nonrebreathing mask
 - Partial rebreathing mask
 - Venturi mask

Clinical Specialty

- Interview room (one per section)-with conference table and chairs
- List of competitors for check-in
- Calculators, note pads, pencils for judges
- Stopwatch, one per section
- Flash card for 1 minute remaining, one per section
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- File folder or box to collect portfolio copies
- List of competitors who have uploaded materials to STEM Premier by deadline
- Copy of guidelines for judges

Community Awareness

- Presentation room (one per section)-with podium and judge table w/ chairs
- List of competitors for check-in
- Note pads, pencils for judges
- Stopwatch, one per section

- Flash card for 1 minute remaining, one per section
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Box to collect portfolio copies
- Copy of guidelines for judges

CPR/First Aid

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- Competitor list(s) for check-in

Round Two Skills(s):

- Clinical and/or lab stations for selected procedures
- Competitor list(s) for check-in
- Written scenario
- Patient and judge scripts as needed
- Calculators, note pads, pencils for judges
- Stopwatch, one per section
- Moulage supplies (as needed per scenario)
- Assorted props (may include pillows/blankets per skill)
- Rating sheet – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Copy of guidelines for judges

Skill I: Severe Bleeding and Shock

- One victim (check scenario for particulars)
- Moulage or artificial non-latex bleeding wound

Skill II: Choking

- One victim (check scenario for particulars)
- Pillow for victim
- Note: victim should wear extra-large, loose fitting shirt to fit pillow. See guidelines for more information.

Skill III: Compound Fracture and Splinting

- One victim (check scenario for particulars)
- Moulage or artificial non-latex fracture/wound
- Cold pack or bag and ice
- Towel
- Props or devices that can be used for splinting

Skill IV: Severe Bleeding

- One victim (check scenario for particulars)

Skill V: Heat-Related Emergency

- One victim (check scenario for particulars)
- Washcloth
- Water
- Juice or sports drink

Skill VI and VII: Adult BLS/CPR

- Manikin

Skill VIII and IX: Adult BLS with AED

- Manikin
- AED (with appropriate size batteries)

Skill X and XI-Infant BLS/CPR

- Infant Manikin

Creative Problem Solving

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- List of competitors for check-in

Round Two – Preparation Room:

- Room may hold multiple teams for multiple sections if large enough
- Copy of secret problem – one for each team member and the judges
- Stopwatch, one per section
- Index cards
- Flip chart paper – as many pages as needed per team
- Flip chart pad or easel
- Colored markers
- Flash card for 1 minute remaining, one per section
- List of competitors for check-in

Round Two – Presentation Room:

- Presentation room (one per section)-with podium and judge table w/ chairs
- Flip chart pad or easel
- Calculators, note pads and pencils for judges
- Masking tape or blue painters tape (if self-adhesive flip chart paper not used)
- Flash card for 1 minute remaining, one per section
- Stopwatch, one per section
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Copy of guidelines for judges

Dental Science

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- List of competitors for check-in

Round Two Skill(s):

- Clinical and/or lab stations for selected procedures
- Holding rooms or areas for competitors (if off-site)
- List of competitors for check-in

- Written scenario*
- Patient and judge scripts as needed*
- Calculators, note pads, pencils for judges*
- Stopwatch, one per section*
- Sink, paper towels, and soap*
- Hand sanitizer (alcohol based handrub)*
- Rating sheet – one per judge per competitor*
- Evaluation forms – competitor, judge and personnel*
- Pencils to complete evaluations*
- Copy of guidelines for judges*

Skill I: Preparing the Room

- Dental treatment room (operatory) with viewbox*
- Light*
- Disposable covers/protective barriers (OSHA)*
- Napkin/drape*
- Napkin chain for securing napkin/drape*
- Dental unit hand pieces, hoses and tubing, and equipment typical to a dental operatory*
- Plastic envelope barrier or surface barrier*
- Instrument tray*
- Pre-packaged basic set-up (explorer, mouth mirror, cotton pliers, perio probe)*
- Patient chart with completed health history (including dental radiographs)*
- Protective eyewear for the patient*
- Sterile syringe*
- Disposable needles (different sizes for choice)*
- Anesthetic cartridge (different ones for choice)*
- Recapping device*
- Scenario that indicates the specific procedure and anesthetic the dentist will use*

Skill II: Seating the Patient

- Patient*
- Dental treatment room (operatory) with viewbox*
- Light*
- Disposable covers/protective barriers (pre-set)*
- Napkin/drape*
- Napkin chain for securing napkin/drape*
- Saliva ejector, evacuator (HVE) and air-water syringe tip*
- Cotton rolls, cotton-tip applicator and gauze sponges*
- Instrument tray*
- Pre-packaged basic set (explorer, mouth mirror, cotton pliers, perio probe)*
- Patient chart with completed health history (including dental radiographs)*
- Lip lubricant*
- Tissues*

Skill III: Dismissing the Patient

- Patient*
- Dental treatment room (operatory) with viewbox*
- Light*
- Disposable covers/protective barriers (pre-set)*
- Napkin/drape*
- Napkin chain for securing napkin/drape*

- Saliva ejector, evacuator (HVE) and air-water syringe tip
- Cotton rolls, cotton-tip applicator and gauze sponges
- Instrument tray
- Pre-packaged basic set (explorer, mouth mirror, cotton pliers, perio probe)
- Patient chart with completed health history (including dental radiographs)
- Protective eyewear for the patient

Skill IV: Patient Education

- Patient (optional-judge can be patient)
- Toothbrush
- Typodont – maxillary and mandibular
- Dental floss

Skill V: Preparing for an Impression

- Flexible spatula/broad blade OR disposable spatula
- Two flexible rubber mixing bowls
- Alginate material (canister)
- Sink with running water
- Powder measuring device
- Water measuring device
- Mandibular or maxillary impression trays
- Paper towels
- Plastic bags – 1 per competitor
- Pen (Sharpie®) for labeling bag
- Disinfectant spray
- Cleaning supplies

Skill VI: Identify Instruments

- 10 instruments or photos from the list in guidelines
- Copies of instrument worksheet (one per competitor)

Skill VII: Treatment of Tray in Sterilization Center

- Wiping cloths
- 4x4 gauze
- Simulated contaminated procedure tray with simulated waste, simulated soft biomedical waste, disposable sharps and 3-5 basic dental hand instruments
- Disinfecting solutions
- Sharps container
- Biohazard waste container
- Ultrasonic unit with small strainer (may be simulated)
- Instrument pouches (bags)
- Isopropyl alcohol
- Hand piece lubricant
- High speed dental hand piece (must be lubricated prior to each use)
- Container for wrapped instruments

Dental Terminology

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- Pencils to complete evaluations

- List of competitors for check-in

EMT

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- List of competitors for check-in

Round Two Skill(s):

- Clinical and/or lab stations for selected procedures
- Holding rooms or areas for competitors (if off-site)
- List of competitors for check-in
- Written scenario
- Patient and judge scripts as needed
- Calculators, note pads, pencils for judges
- Stopwatch, one per section
- Assorted props, which may include pillows and/or blankets
- Rating sheet – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Copy of guidelines for judges

Skill I: Patient Assessment - Trauma

- Patient

Skill II: Patient Assessment- Medical

- Patient

Skill III: BVM Ventilation

- Oxygen cylinder (tank)
- Oxygen regulator and attachments
- Airway management manikin (without electronic connections)
- Suction device
- Suction catheter

Skill IV-A: Spinal Immobilization (Seated)

- Patient
- KED
- 1 set – extrication collars

Skill IV-B: Spinal Immobilization (Supine)

- Patient
- Long spinal immobilization board
- 1 set – extrication collars
- Head immobilizer
- Straps

Skill IV-C & D: Joint and Long Bone Immobilization

- Patient
- Board splints (2 each size)

Skill V: Bleeding Control/Shock Management

- Patient

Skill VI: Cardiac Arrest Management/AED

- AED (with appropriate size batteries)
- CPR manikin

Epidemiology

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- List of competitors for check-in
- Copy of guidelines and case study key for judges

Extemporaneous Health Poster

- Room large enough to accommodate competitors, 1-2 competitors per 72" round table
- List of competitors for check-in
- White Poster Board (1 per competitor)
- Labels for poster (1 per competitor)
- Paper towels
- Scratch paper
- Trash container
- Equipment check sheet for student supplies (1 per competitor)
- Topic (1 per competitor)
- Preliminary screening instructions (one per judge)
- Rating sheets – one per judge per competitor (in top twenty)
- Sticky notes or index cards for judges
- Clipboards-one per judge
- Evaluation Forms – competitor, judge and personnel
- Pencils to complete evaluations
- Copy of guidelines for judges

Extemporaneous Writing

- Room large enough to accommodate competitors (2 per 6' table), or
- Computer lab with one computer per competitor and networked printer (optional)
- List of competitors for check-in
- Flash drives – one for each competitor
- Envelope for each competitor to submit their flash drive
- Networked printer with ink and copy paper for printing essays
- Labels for printed essays (optional)
- Clock or timer
- One copy of the topic for each competitor and judge
- Pens and pencils for judges
- Sample essay for judge review (optional)
- Staplers
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- #2 Pencils with eraser to complete evaluations
- Copy of guidelines for judges

Forensic Medicine

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- List of competitors for check-in

Round Two Case Study:

- Case study room, two if physical evidence is provided (see sample in guidelines)
- List of competitors for check-in
- Copy of secret problem with written conclusion form– one for each team member and judge
- Case study props as needed per scenario
- Witness, actor/victim and judge scripts as needed
- Case study notes-one per judge and event manager
- Stopwatch, one per section
- Index cards (for teams)
- Clipboards to be used by competitors during crime scene analysis (if needed)
- Flash card for 1 minute remaining, one per section
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Copy of guidelines for judges

Health Career Display

Round One Display:

- Suggested set-up: if 8 ft tables or banquet rounds used, may have two displays per table placed in one long row per section.
- Two-Three chairs per table for judges, as needed
- List of competitors for check-in
- Calculators, clipboards and pencils for judges
- Tape measures-one per section
- Team numbers for tables
- Timer, one per section
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- Copy of guidelines for judges

Round Two Presentation:

- Flash card for 1 minute remaining, one per section
- Team numbers for tables
- List of competitors for check-in
- Calculators, clipboards and pencils for judges
- Stopwatch, one per section
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Copy of guidelines for judges

Healthy Lifestyle

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- List of competitors for check-in

Round Two Interview:

- Interview room (one per section)-with conference table and chairs
- List of competitors for check-in
- Flash card for 1 minute remaining, one per section
- Stopwatch, one per section
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Pencils for judges and to complete evaluations
- File folder or box to collect portfolio copies
- Copy of guidelines for judges

Healthcare Issues Exam

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation forms – personnel
- Pencils to complete evaluations
- List of competitors for check-in

Health Career Photography

Round One Photos:

- Room large enough to accommodate portfolios
- List of competitors for check-in
- Index cards with section information
- Stopwatch or timer, one per section
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Clipboards for judges (optional)
- Pencils to complete evaluations
- Copy of guidelines for judges
- List of competitors who have uploaded materials to STEM Premier by deadline

Round Two Presentation:

- Interview room (one per section)-with conference table and chairs
- List of competitors for check-in
- Index cards with section information
- Stopwatch or timer, one per section
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Clipboards for judges (optional)
- Pencils to complete evaluations

- Flash card for 1 minute remaining, one per section
- File folder or box to collect photos and forms
- Copy of guidelines for judges

Health Education

- Presentation room (one per section)-with podium and judge table w/ chairs
- List of competitors for check-in
- Pencils for judges
- Flash card for 1 minute remaining, one per section
- Stopwatch, one per section
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Box for collecting portfolio copies
- Copy of guidelines for judges

Home Health Aide

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- List of competitors for check-in

Round Two Skill(s):

- Clinical and/or laboratory stations for selected procedures
- List of competitors for check-in
- Hand sanitizer (alcohol-based handrub)
- Holding rooms or areas for competitors (if off-site)
- Written scenario
- Patient and judge scripts as needed
- Pencils (for judges and evaluations)
- Stopwatch, one per section
- Daily record sheet (1 per competitor per scenario)
- Rating sheets – one per judge per competitor
- Evaluations forms – competitor, judge and personnel
- Copy of guidelines for judges

Skill I: Taking a Tympanic Temperature

- Patient
- Sink and paper towels OR hand sanitizer (alcohol-based handrub)
- Tympanic thermometer
- Waste container
- Disposable probe covers
- Bed or chair

Skill II: Taking an Apical Pulse

- Patient
- Stethoscope, teaching
- Waste container
- Alcohol wipes

- Bed or chair*

Skill III: Emptying a Urinary Drainage Unit

- Patient*
- Measuring device*
- Paper towels (1 per competitor)*
- Simulated urine (enough to refill bag for each competitor)*
- Sink (or basin) for emptying simulated urine*
- Alcohol wipes*
- Bed or chair*
- Urinary drainage bags (2 per section)*

Skill IV: Changing a Dry Dressing

- Patient*
- Gauze 4x4 pads*
- Tape for initial dressing*
- Small waste bag (1 per competitor)*
- Bed or chair*

Skill V: Giving a Back Rub

- Patient*
- Sink and paper towels*
- Small towel (1 per competitor)*
- Lotion*
- Hamper (or plastic bag)*
- Bed*

Skill VI: Caring for Dentures

- Patient*
- Sink and paper towels*
- Hand sanitizer (alcohol based handrub)*
- Toothbrush*
- Toothpaste*
- Dentures*
- Dental cleaning tablet*
- Denture cup*
- Mouthwash*
- Small cups*
- Emesis basin*
- Washcloth*
- Small towel*
- Bed or chair*

Skill VII: Moving a Client Up in Bed

- Patient*
- Drawsheet*
- Bed linens, including bed blanket and/or top sheet*
- Pillow*
- Bed*

Skill VIII: Applying Elasticized Stockings

- Patient*
- Knee-length elasticized stockings*
- Bed and Bed linens, including bed blanket and/or top sheet*

HOSA Bowl

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- Contact cards-one per team (for alternate teams)
- List of competitors for check-in

Round Two Quiz Bowl:

- One large room to accommodate personnel, teams, and as many observers as possible for semi-final and final rounds. See sample room set in guidelines.
- Two holding rooms (one for teams that have not yet competed, and one for winning teams awaiting next match)
- List of competitors for check-in
- Stopwatch, one per section; and one timer (for 10 min rounds) per section
- Moderator's table or podium with optional microphone
- Lists of at least 50 items and responses (that progress from simple to difficult) per round for moderator and judges
 - For 8 teams proceeding to Round 2 – questions for Rounds 2-4 (buzzer rounds) – copies for judges and moderator(s)
 - For 16 teams proceeding to Round 2 – questions for Rounds 2-5 (buzzer rounds) – copies for judges and moderator(s)
 - For 32 teams proceeding to Round 2 – questions for Rounds 2-6 (buzzer rounds) – copies for judges and moderator(s)
- Bells or buzzer sets for each team
- A section diagram for "seeding" teams
- Judge's score sheet for each round (one per section)
- Scoreboard (chalkboard, newsprint, other device for visible reference to scores) (optional)
- Pads and pencils for judges
- Copies of each standard reference (Rule #23) will be available in Competitive Events Headquarters and/or at the event site.
- Red team and Green team signs for each section (optional)
- Large letters (A, B, C and D) to identify each individual team member, 2 sets for each section, may be color coded red and green
- HOSA Bowl competition script – one for each section
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Copy of guidelines for judges

Interviewing Skills

- Room for orientation and job application completion. Interview room (one per section)-with conference table and chairs (may use same room if large enough)
- List of competitors for check-in
- Stopwatch, one per section
- Job application forms (secure item-one per competitor)
- List of interview questions (secure item-one per judge)
- Note pads/pencils for judges

- Large envelopes/file folder to hold job application, cover letter and resume – 1 per competitor
- Box to collect envelopes
- Hand sanitizer (alcohol based handrub), 1 per section, for judges
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Flash card for 1 minute remaining, one per section
- Copy of guidelines for judges
- List of competitors who have uploaded eligibility forms to STEM Premier by deadline

Job Seeking Skills

- Room for orientation and job application completion. Interview room (one per section)-with conference table and chairs (may use same room if large enough)
- List of competitors for check-in
- Stopwatch, one per section
- Job application forms (secure item-one per competitor)
- List of interview questions (secure item-one per judge)
- Large envelopes/file folder to hold job application, cover letter and resume – 1 per competitor
- Box to collect envelopes
- Note pads/pencils for judges
- Hand sanitizer (alcohol based handrub), 1 per section, for judges
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Flash card for 1 minute remaining, one per section
- Copy of guidelines for judges
- List of competitors who have uploaded materials to STEM Premier by deadline

Knowledge Tests

- List of competitors for check-in
- One test copy per competitor
- Scantron form for each competitor
- Timer or clock
- Evaluation forms – competitor and personnel
- Pencils to complete evaluations
- Two (2) sheets of blank paper per competitor for Pharmacology Knowledge Test

Life Support Skills

- List of competitors for check-in
- Clinical and/or laboratory stations for selected procedures
- Assorted props, which may include pillows and/or blankets
- Written scenario (one per competitor and judge)
- Patient and judge scripts as needed
- Calculators, note pads, and pencils for judges
- Stopwatch, one per section
- Moulage supplies (if needed)

- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Copy of guidelines for judges

Skill I: Adult BLS/CPR

- CPR Adult Training Manikin

Skill II: Infant BLS/CPR

- CPR Infant Training Manikin

Skill III: Severe Bleeding

- One victim (check scenario for particulars)
- Moulage or artificial non-latex bleeding wound

Skill IV: Choking

- One victim (check scenario for particulars)
- Pillow for victim
- Note: victim should wear extra-large, loose fitting shirt to fit pillow. See guidelines for more information.

Skill V: Broken Bone/Sprain and Splinting

- One victim (check scenario for particulars)
- Cold pack or bag and ice
- Towel
- Props or devices to be used for splinting (for choice)

Skill VI: Heat-Related Emergency

- One victim (check scenario for particulars)
- Washcloth
- Water
- Juice or sport drink

Medical Assisting

Round One Written Test:

- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel
- List of competitors for check-in

Round Two Skill(s):

- Clinical and/or laboratory stations for selected procedures
- Hand sanitizer (alcohol-based handrub)
- Holding rooms or areas for competitors (if off-site)
- List of competitors for check-in
- Written scenario
- Patient and judge scripts as needed
- #2 Pencils for judges and evaluations
- Stopwatch, one per section
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Copy of guidelines for judges

Skill I: Perform a Screening

- Patient

- Telephone
- HOSA Office Screening Chart with message form – 1 per competitor (in guidelines)
- Written information for judge (caller) with script that includes the caller's name, personal information, reason for call and important details related to the call
- Patient charts
- Physician message box (may be simulated)
- Note pads
- Paper clips

Skill II: Receive a New Patient and Create Electronic Chart

- Patient
- PC with Adobe Acrobat reader
- Patient insurance card(s)
- Pen and clipboard for patient
- Blank copy and already completed (handwritten) copy of the HOSA Medical Office Registration Form (in guidelines)
- Electronic copy of the [HOSA Medical Office Registration form](#) in fillable PDF format (see guidelines for more information)
- Scenario/information for filling out form that is not provided in the written HOSA Medical Office Registration form and Insurance Card(s)
- Patient chart

Skill III: Obtain and Record a Health History

- Patient
- Computer with blank [medical history w/fillable form in PDF](#) OR blank medical history form (1 per competitor in guidelines) and clipboard
- Patient script with medical history details
- Printer and paper (if computer is used)

Skill IV: Measure Height and Weight

- Patient
- Clinical scale with balance weights and height indicator
- Paper towels
- Chair
- Scenario/patient chart - one per competitor
- Patient script

Skill V: Prepare & Assist with Physical Exam

- Patient
- Patient chart with completed history and physical exam form
- Equipment needed for the exam (as described in the scenario)
- Mayo tray or countertop
- Towel
- Exam table
- Patient gown and drape (sheet or disposable drape)
- Labeled urine specimen container
- Small pillow
- Exam table paper
- Surface disinfectant and paper towels
- Waste basket or biohazard container

Skill VI: Screen for Visual Acuity

- Patient

- Snellen chart on the wall
- Tape on floor 20 feet from chart
- Eye occluder – 1 per competitor if disposable OR alcohol wipe to clean occluder after patient use
- Pointer
- Chair
- Jaeger chart
- Scenario with instructions for cleaning supplies
- Patient chart – 1 per competitor

Skill VII: Test Urine

- Labeled urine specimen
- Laboratory report form – 1 per competitor
- Bottle of reagent strips – 1 per competitor, one bottle per section
- Timing device (may use personal watch or the HOSA provided timer on cell phone)
- Waste container
- Surface disinfectant and paper towels
- Patient chart – 1 per competitor

Skill VIII: Sterile Gloving

- Waste container

Medical Innovation- Original and Existing

- Suggested set-up: if 8 ft tables or banquet rounds used, may have two displays per table placed in one long row per section.
- Two-Three chairs per table for judges, as needed
- List of competitors for check-in
- Calculators (if needed), clipboard and pencils for judges
- Team numbers for tables
- Tape measure-one per section
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- Flash card for 1 minute remaining, one per section
- Stopwatch, one per section
- Copy of appropriate guidelines for judges
- List of competitors who have uploaded materials to STEM Premier by deadline

Medical Math

- List of competitors for check-in
- One test copy per competitor
- Scantron form for each competitor
- Blank paper (2 sheets per competitor)
- Calculators (1 per competitor)
- Clock or timer
- Evaluation forms – competitor and personnel
- #2 Pencils to complete evaluations
- Copy of guidelines

Medical Reading

- List of competitors for check-in
- One test copy per competitor

- Scantron form for each competitor
- Clock or timer
- Evaluation forms – competitor and personnel
- Pencils to complete evaluations

Medical Spelling

Round One Written Test:

- List of competitors for check-in
- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel

Round Two Spell-down:

- One large room to accommodate seated competitors in semicircular rows and event personnel. Will contain a moderator's lectern and table/chairs for judges, definer, and timekeeper.
- List of competitors for check-in
- Stopwatch, one per section
- Copies of numbered medical terms list for all rounds (see guidelines for additional information)
- "Fish Bowls" or numbered boxes or devices to hold numbered cards
- Numbered cards: Numbers 1-100, Numbers 101-200, Numbers 201-300 (see guidelines for additional information)
- One copy of each official reference for the judges
- Numbers for chairs for spell down
- Lined paper for use by judges
- Evaluation forms – competitor, judge and personnel
- Copy of guidelines for judges
- #2 Pencils to complete evaluations

Medical Terminology

- List of competitors for check-in
- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation forms – competitor and personnel
- Pencils to complete evaluations

MRC Partnership

- Interview room (one per section)-with conference table and chairs
- List of competitors for check-in
- Stopwatch, one per section
- Note pads for judges
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Flash card for 1 minute remaining, one per section
- Box to collect portfolio copies

- Copy of guidelines for judges
- List of competitors who have uploaded materials to STEM Premier by deadline

Nursing Assisting

Round One Written Test:

- List of competitors for check-in
- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel

Round Two Skill(s):

- Clinical and/or laboratory stations for selected procedures
- Holding rooms or areas for competitors (if off-site)
- List of competitors for check-in
- Written scenario
- Patient and judge scripts as needed
- Stopwatch, one per section
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Hand sanitizer (alcohol-based handrub)

Skill I: Handwashing

- Sink and paper towels
- Waste container
- Soap

Skill II: Make a Closed Bed

- Hospital bed
- Pillow
- Laundry hamper
- Trash can liners for laundry hampers, 1 per competitor
- Blankets and spreads

Skill III: Make an Occupied Bed

- Patient
- Hospital bed
- Pillow
- Laundry hamper
- Trash can liners for laundry hampers, 1 per competitor
- Blankets and spreads

Skill IV: Position Patient

- Patient
- Hospital bed, sheets and pillow
- 3 pillows, 2 bath blankets
- 2 large towels, 2 washcloths

Skill V: Transfer Patient

- Patient
- Hospital bed
- Chair/wheelchair
- Blanket or sheet

- Patient robe and slippers
- Gait belt

Skill VI: Measure and Record Vital Signs

- Patient
- Digital or Non-mercury thermometer with disposable sheaths/probes
- Biohazard container
- Sphygmomanometer
- Teaching stethoscope
- Antiseptic wipes
- Graphic forms (1 per competitor-in guidelines)
- Container and solution for holding glass thermometer (if used)
- Tissues

Skill VII: Prepare Patient for a Meal and Determine Intake

- Patient
- Overbed table
- Meal tray
- Towel (2 per competitor)
- Washcloth (2 per competitor)
- Sink access
- I & O record (1 per competitor-in guidelines)

Skill VIII: Changing a Patient's Gown

- Patient
- Scenario must indicate a specific injury/condition of affected arm and must indicate the reason for changing the gown
- Bed or chair
- Gowns (2 – one to be removed and a clean gown, both with ties. Note: do NOT use gown that opens at shoulder)
- Linens (if bed is used) and a bath blanket
- Laundry hamper

Skill IX: Discharging a Patient

- Patient
- Scenario with discharge order included
- Bed or chair
- Discharge checklist (1 per competitor-in guidelines)
- Non slip sole footwear
- Gait belt
- Wheelchair
- Exit sign

Outstanding HOSA Chapter

- Room large enough to accommodate books
- List of competitors for check-in
- ID labels with ID numbers for books
- Calculators, pens, pencils, scratch paper for judges
- Rating sheets – 2 per book
- Evaluation forms – judge and personnel, pencils
- Copy of guidelines

Parliamentary Procedure

Round One Written Test:

- List of competitors for check-in
- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel

Round Two Meeting:

- Preparation room-one per section
- Meeting room-one per section (see room set in guidelines)
- List of competitors for check-in
- Robert's Rules of Order, Newly Revised (Latest Edition) for judges and prep rooms
- Eight (8) copies of secret problem for each team in a sealed envelope, plus copies for judges
- Stopwatch, one per section
- Gavel-one per meeting room
- Blank paper to record minutes
- Note pads, pencils, clipboards(optional) for judges
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Flash card for 1 minute remaining, one per section
- Copy of flowchart
- Copy of guidelines for judges

Personal Care

- Clinical and/or laboratory stations for selected procedures
- List of competitors for check-in
- Written scenario
- Patient & judge scripts as needed
- Pencils, notepads for judges
- Stopwatch, one per section
- Patient identification bracelet
- Hand sanitizer (alcohol-based handrub)
- Rating sheets – one per judge per competitor
- Evaluations forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Copy of guidelines for judges

Skill I: Handwashing

- Sink and paper towels
- Waste container
- Soap

Skill II: Make a Closed Bed

- Hospital bed
- Pillow
- Laundry hamper
- Trash can liners for laundry hampers, 1 per competitor
- Blankets and spreads

- Non-latex gloves (in indicated)

Skill III: Position Patient

- Patient
- Hospital bed, sheets and pillow
- 3 pillows, 2 bath blankets
- 2 large towels, 2 washcloths

Skill IV: Transfer Patient

- Patient
- Hospital bed
- Chair
- Wheelchair
- Blanket or sheet
- Patient robe and slippers
- Gait belt

Skill V: Measure and Record TPR

- Patient
- Digital or Non-mercury thermometer with disposable sheaths/probes
- Biohazard container
- Graphic forms (1 per competitor-in guidelines)

Skill VI: Changing a Patient's Gown

- Patient
- Scenario must indicate a specific injury/condition of affected arm and must indicate the reason for changing the gown
- Bed or chair
- Gowns (2 – one to be removed and a clean gown, both with ties)
- Linens (if bed is used) and a bath blanket
- Laundry hamper
- Non-latex gloves (if indicated)

Skill IX: Discharging a Patient

- Patient
- Scenario with discharge order included
- Bed or chair
- Discharge checklist (1 per competitor-in guidelines)
- Non slip sole footwear
- Gait belt
- Wheelchair
- Exit sign

Physical Therapy

Round One Written Test:

- List of competitors for check-in
- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel

Round Two:

- Clinical and/or laboratory stations for selected procedures
- List of competitors for check-in

- Holding rooms or areas for competitors (if off-site)*
- Written scenario*
- Patient and judge scripts as needed*
- Stopwatch, one per section*
- Rating sheets – one per judge per competitor*
- Evaluation forms – competitor, judge and personnel*
- #2 Pencils to complete evaluations*
- Hand sanitizer (alcohol based handrub)*
- Copy of guidelines for judges*

Skill I: Ambulating with Gait Belt

- Patient*
- Bed with side rails OR chair*
- Patient robe*
- Patient shoes/slippers with non-skid soles*
- Gait Belt*
- Judge instructions – must indicate if patient is going to fall*

Skill II: Ambulating with a Walker

- Patient*
- Walker*
- Chair*
- Gait Belt*
- Patient – walking shoes*
- Judge instructions – must indicate if walker adjustments are needed*

Skill III: Ambulating with a Cane

- Patient*
- Cane*
- Chair*
- Gait Belt*
- Patient – walking shoes*
- Scenario – must indicate patient information and instructions from therapist that indicate the gait the therapist taught the patient*
- Judge instructions – must indicate if cane adjustments are needed*

Skill IV: Range of Motion

- Patient*
- Bed with sides rails OR PT table*
- Bath blanket/linens*
- Scenario – must indicate patient information and instructions from therapist that indicate the number of repetitions for each movement*

Skill V: Ambulating with Crutches

- Patient*
- Crutches*
- Chair or wheelchair*
- Gait Belt*
- Scenario – must indicate patient information and instructions from therapist that indicate the gait the therapist taught the patient*
- Judge instructions – must indicate if adjustments are needed for the crutches and the gait to be performed*

Skill VI: Ice Pack Application

- Patient
- Hospital bed with linens or exam table or table/chair
- Underpad (bed protector)
- Basin and sink
- Towels (2)
- Ice packs or plastic bags and ice
- Tape
- Hamper
- Scenario – must indicate patient information and instructions from therapist that indicate the type of cold pack to be used and duration of treatment

Prepared Speaking

- Presentation room (one per section)-with podium and judge table w/ chairs
- List of competitors for check-in
- Note pads and pencils for judges
- Appointment times/labels for competitors
- Event topic card for judges
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Stopwatch-one per section
- Clipboards (optional)
- Flash card for 1 minute remaining, one per section
- Copy of guidelines for judges

Public Health

Round One Preliminary Presentation:

- Presentation room (one per section)-with open space and judge table w/ chairs
- List of competitors for check-in
- Stopwatch, one per section
- Notepads and pencils for judges
- Topic cards for judges
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- Pencils to complete evaluations
- Flash card for 1 minute remaining, one per section
- Copy of guidelines for judges

Round Two Full Presentation:

- Presentation room (one per section)-with open space and judge table w/ chairs
- List of competitors for check-in
- Stopwatch, one per section
- Notepads and pencils for judges
- Topic cards for judges
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Flash card for 1 minute remaining, one per section

- Copy of guidelines for judges

Public Service Announcement

Round One PSA Review:

- Interview room (one per section)-with conference table and chairs
- List of competitors for check-in
- Notepads and pencils for judges
- Permanent markers for labeling DVD or flash drive with team ID number
- Stopwatch, one per section
- Topic card, one per section
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- List of competitors who have uploaded materials to STEM Premier by deadline
- Copy of guidelines for judges

Round Two Presentation:

- List of competitors for check-in
- Notepads and pencils for judges
- Stopwatch, one per section
- Topic card, one per section
- Rating sheets – one per judge per team
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Flash card for 1 minute remaining, one per section
- Copy of guidelines for judges

Researched Persuasive Writing and Speaking

Round One Paper:

- List of competitors for check-in
- Stopwatch or timer
- Note pads and pencils for judges
- Set of competitor ID labels for paper (optional)
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- Copy of HOSA Style Sheet for judges
- Sample paper for judges to preview (optional)
- Flash card for 1 minute remaining, one per section
- List of competitors who have uploaded materials to STEM Premier by deadline
- Copy of guidelines for judges
- Box to collect paper copies

Round Two Presentation:

- Presentation room (one per section)-with podium and judge table w/ chairs
- List of competitors for check-in
- Stopwatch, one per section
- Note pads and pencils for judges
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations

- Flash card for 1 minute remaining, one per section
- Copy of guidelines for judges

Speaking Skills

- Room with lectern/podium and tables w/chairs for judges
- List of competitors for check-in
- Note pads and pencils for judges
- Stopwatch, one per section
- Event topic for judges
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Flash card for 1 minute remaining, one per section
- Clipboards (optional)
- List of competitors who have uploaded eligibility forms to STEM Premier by deadline
- Copy of guidelines for judges

Sports Medicine

Round One Written Test:

- List of competitors for check-in
- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel

Round Two Skill(s):

- Clinical and/or laboratory stations for selected procedures
- Holding rooms or areas for competitors (if off-site)
- List of competitors for check-in
- Written scenario
- Patient and judge scripts as needed
- Pencils for judges
- Stopwatch, one per section
- Hand sanitizer (alcohol based handrub)
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Copy of resource page for judge review
- Copy of guidelines for judges

Skill I: Flexibility Exercises

- Scenario
- Platform (4-8 " high) for standing hamstring stretch
- Exercise mat (optional)

Skill II: Assess ROM and Strength Testing

- Patient
- Scenario
- Exam table or chair (Skill IIA)
- Exam table (Skill IIB)
- One or more athletes (per scenario)

Skill III: Taping

- Scenario
- One or more athletes (per scenario)
- Tape adherent spray
- Treatment table or chair(s)

Veterinary Science

Round One Written Test:

- List of competitors for check-in
- One test copy per competitor
- Scantron form for each competitor
- Clock or timer
- Evaluation Forms – competitor and personnel

Round Two Skill(s):

- Clinical and/or laboratory stations for selected procedures
- Holding rooms or areas for competitors (if off-site)
- List of competitors for check-in
- Written scenario
- Patient and judge scripts as needed
- Stopwatch, one per section
- Rating sheets – one per judge per competitor
- Evaluation forms – competitor, judge and personnel
- #2 Pencils to complete evaluations
- Hand sanitizer (alcohol-based handrub)
- Copy of resource page for judge review
- Copy of guidelines for judges

Skill I: Preparation of the Operative Site

- Written Scenario (must include patient's identity and surgical skill being performed)
- Progress notes (stating patient was bathed, surgical site clipped & scrubbed, and urine expressed)
- Surgical scrub/germicide
- Artificial animal
- Sterile forceps
- 10% Povidone iodine solution in a spray bottle
- Roll of 1" cloth tape
- Wrapped sterile bowl
- Waste bag

Skill II: Lifting and Restraining a Dog

- Small artificial dog
- Medium-sized artificial dog
- Exam table

Skill III: Identify Equipment and Instruments

- Equipment Identification sheets (1 per competitor, in guidelines)
- Instrument numbers (1-15)
- Numbered Instruments (15) or photos from list in guidelines

Skill IV: Simple Fecal Floatation

- Floatation solution (commercially prepared or water labeled 'floatation solution')
- Paper cups

- Simulated animal feces*
- Tongue depressor*
- 10 cm(4x4) gauze squares*
- Shell vial or 15 ml conical centrifuge tube*
- Cover slip*
- Glass slide*

Skill V: Identification of Companion Animal Breeds/Species

- 15 Breed/Species pictures from resources listed in guidelines*
- Companion Animal Breeds Identification Sheets-(1 per competitor, in guidelines)*

Skill VI: Apply/Remove Gauze Restraint Muzzle

- Canine Mannequin*
- Bandage scissors*

Skill VII: Apply/Remove Gauze Restraint Muzzle

- Artificial cat*
- Carrier*
- Large towel*