Big Ideas/Key Concepts:
Students will apply knowledge and skills to perform first aid assessments and care. Students will explore alternative medicine, learning general information and benefits to educated consumers. Students will be able to successfully perform skills related to Athletic Training, such as basic stretching exercises and injured athlete assessment. Students will be able to successfully perform skills related to the Forensic Scientist including extraction of DNA.

<table>
<thead>
<tr>
<th>Standards</th>
<th>Student Friendly “I Can” Statements</th>
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<tbody>
<tr>
<td><strong>First Aid</strong></td>
<td>• I can use HOSA and AHA guidelines to treat emergency conditions such as bleeding, shock, poisoning, burns, heat, cold exposure, musculoskeletal injuries, and sudden illness.</td>
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</table>
| 16) Understand principles of and successfully perform skills related to Emergency Medicine, incorporating rubrics from the American Heart Association or American Red Cross for the following:  
  a. Basic First Aid care of bleeding and wounds  
  b. Basic First Aid care for burns  
  c. Basic First Aid for bone and joint injuries  
  (TN CCSS Reading 3) | |
| **Alternative Healthcare** | • I can review complementary and alternative health topics such as acupuncture, biofeedback, and herbal treatments.  
  • I can develop a PSA or poster presentation re: complementary and alternative medicine to educate consumers.  
  • I can discuss benefits and cost of various alternative medicines. |
<p>| 15) Review health topics surrounding complementary and alternative medicine such as acupuncture, biofeedback, and herbal treatments. Develop a public service announcement or academic poster presentation intended to inform consumers or health professionals about the specific topic. Include general information, purported benefits, and uses in the United States, side effects and/or risks, relevant research, cost, and links to more information. Cite evidence from print and digital resources such as research journals, the National Institute of Health, the Mayo Clinic, and Medline Plus. (TN CCSS Reading 1, 9; TN CCSS Writing 2, 6, 8, 9) | |</p>
<table>
<thead>
<tr>
<th>Physical Therapy</th>
<th>Athletic Training</th>
<th>Forensics</th>
</tr>
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| 20) Understand principles of and successfully perform skills related to Physical Therapy Skills, incorporating rubrics from textbooks or clinical standards of practice for the following:  
  a. Ambulation with crutches or cane  
  b. Administering cold applications  
(TN CCSS Reading 3) |  
  - I can perform the skills related to physical therapy and rehabilitation.  
  - I can perform ambulation |  
  - I can successfully perform skills related to Athletic Training.  
  - I can demonstrate ambulation with crutches or a cane.  
  - I can demonstrate how to administer cold applications. |
| 21) Understand principles of and successfully perform skills related to Athletic Training, incorporating rubrics from textbooks or clinical standards of practice for the following:  
  a. Assessment of athlete with injured ankle or wrist  
  b. Basic stretching exercises  
(TN CCSS Reading 3) |  
  - I can successfully perform skills related to the Forensic Scientist. |  
  - I can successfully perform skills related to the Forensic Scientist. |
| 22) Understand principles of and successfully perform skills related to Forensic Scientist, incorporating rubrics from textbooks or clinical standards of practice for the following:  
  a. Extraction of basic DNA  
(TN CCSS Reading 3) |  
  - I can successfully perform skills related to the Forensic Scientist. |