

# Healthcare Career Exploration: Middle School

## Foundational Standards

- 1 Incorporate safety procedures in handling, operating, and maintaining tools and machinery; handling materials; utilizing personal protective equipment; maintaining a safe work area; and handling hazardous materials and forces. F.1**

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- 2 Demonstrate effective workplace and employability skills, including communication, awareness of diversity, positive work ethic, problem-solving, time management, and teamwork. F.2**

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- 3 Explore the range of careers available in the field and investigate their educational requirements and demonstrate job-seeking skills including resume-writing and interviewing. F.3**

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- 4 Advocate and practice safe, legal, responsible, and ethical use of information and technology tools specific to the industry pathway. F.4**

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- 5 Participate in a Career and Technical Student Organization (CTSO) to increase knowledge and skills and to enhance leadership and teamwork. F.5**

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- 6 Demonstrate effective infection control techniques as defined by the Centers for Disease Control and Prevention (CDC) and The Joint Commission guidelines. F.6**

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## Introduction to Health Careers

- 1 Research the history of health careers and describe how careers have advanced throughout the years. 1**
  - a Identify and describe the five health science career pathways. 1.A
  - b Define and use general medical terminology, including word roots, prefixes, and suffixes. 1.B
  - c Explain the importance of legal and ethical behaviors in health careers. 1.C

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## Therapeutic Services

- 2 Research and share information on some of the careers available in therapeutic services, including salary, educational requirements, working conditions, advantages, and disadvantages. 2**
  - a Describe common characteristics of careers in the therapeutic services career pathway. 2.A
  - b Identify and demonstrate skills required to enter careers in the therapeutic services career pathway. 2.B

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| <b>Diagnostic Services</b>                    | <p><b>3 Research and share information on some of the careers available in diagnostic services, including salary, educational requirements, working conditions, advantages, and disadvantages. 3</b></p> <ul style="list-style-type: none"> <li>a Describe common characteristics of careers in the diagnostic services career pathway. 3.A</li> <li>b Identify and demonstrate skills required to enter careers in the diagnostic services career pathway. 3.B</li> <li>c Perform lab activities related to diagnostic services. 3.C</li> </ul>   |
| <b>Health Informatics</b>                     | <p><b>4 Research and share information about some of the careers available in health informatics, including salary, educational requirements, working conditions, advantages, and disadvantages. 4</b></p> <ul style="list-style-type: none"> <li>a Describe common characteristics of careers in the health informatics career pathway. 4.A</li> <li>b Identify and demonstrate skills required to enter careers in the health informatics career pathway. 4.B</li> <li>c Perform office functions related to health informatics. 4.C</li> </ul>  |
| <b>Support Services</b>                       | <p><b>5 Research and share information regarding some of the careers available in the support services career pathway including salary, educational requirements, working conditions, advantages, and disadvantages. 5</b></p> <ul style="list-style-type: none"> <li>a Describe common characteristics of careers in the support services career pathway. 5.A</li> <li>b Identify and demonstrate skills required to enter careers in the support services career pathway. 5.B</li> <li>c Research and share information about employability skills related to support services. 5.C</li> </ul> |
| <b>Biotechnology Research and Development</b> | <p><b>6 Research and share information about some of the careers available in the biotechnology research and development career pathway, including salary, educational requirements, working conditions, advantages, and disadvantages. 6</b></p> <ul style="list-style-type: none"> <li>a Describe common characteristics of careers in the biotechnology research and development career pathway. 6.A</li> <li>b Identify and demonstrate skills required to enter careers in the biotechnology research and development career pathway. 6.B</li> </ul>  |
| <b>Information Technology in Health Care</b>  | <p><b>7 Identify information technology careers in the Health Science career cluster and summarize the responsibilities, tasks, and skills they require. 7</b></p> <ul style="list-style-type: none"> <li>a Identify ethical, legal, and security issues faced by healthcare professionals. 7.A</li> <li>b Use various types of Internet search engines effectively to locate information relevant to the Health Science career cluster. 7.B</li> </ul>  |