

Foundations of Health Science: High 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](#)
- 2 Demonstrate effective workplace and employability skills, including communication, awareness of diversity, positive work ethic, problem-solving, time management, and teamwork. [F.2](#)
- 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](#)
- 4 Advocate and practice safe, legal, responsible, and ethical use of information and technology tools specific to the industry pathway. [F.4](#)
- 5 Participate in a Career and Technical Student Organization (CTSO) to increase knowledge and skills and to enhance leadership and teamwork. [F.5](#)
- 6 Demonstrate effective infection control techniques as defined by the Centers for Disease Control and Prevention (CDC) and The Joint Commission guidelines. [F.6](#)

Anatomy and Physiology

- 1 Describe the basic organization of the human body. [1](#)
- 2 Utilize directional terms to indicate the locations of anatomical structures. [2](#)
- 3 Identify basic structures and functions of human body systems. [3](#)

Medical Math

- 4 Tell and record time using the 24-hour clock. [4](#)
- 5 Use dimensional analysis to convert English and metric measurements commonly used in health care. [5](#)

Communication

- 6 Compare and contrast verbal and nonverbal communication. [6](#)
- 7 Identify common barriers to communication and describe ways to overcome them. [7](#)

	8 Communicate with patients and co-workers using techniques of the sender-message-receiver feedback model. 8
Medical Terminology	9 Use common roots, prefixes, and suffixes to communicate medical information. 9
	10 Use and explain common medical abbreviations to communicate health information accurately. 10
Safety	11 Identify existing and potential hazards to clients, co-workers, and self in the healthcare setting. 11
	12 Identify and describe a variety of common infectious organisms, including blood-borne pathogens. 12
Healthcare Delivery Systems	13 Compare and contrast the focus, functions, and organization of various healthcare delivery systems. 13
	a Compare and contrast the focus, functions, and organization of healthcare-related agencies. 13.A
	14 Compare and contrast early beliefs about the causes and treatment of disease with current knowledge and explain how advances in knowledge have led to changes in prevention and treatment. 14
	a Identify 10 or more major events in the history of health care and explain their significance. 14.A
Employability Skills	15 Describe personal and professional traits and attitudes that are desirable in a healthcare worker. 15
Legal and Ethical Responsibilities	16 Summarize legal and ethical responsibilities within the healthcare delivery setting. 16
	17 Research and debate bioethical dilemmas encountered in the healthcare setting. 17
Health and Wellness	18 Describe fundamental principles and practices of health promotion and wellness. 18
	19 Identify and describe the social determinants of health. 19
	a Explain the impact that trauma and the social determinants of health may have on patients and their health outcomes. 19.A
Technical Skills	20 Demonstrate entry-level skills required in various careers in the healthcare industry, including specific skills for areas of particular interest. 20