

BRAINERD HIGH SCHOOL

Curriculum Map

Name: Aleta Bray Course: Health Science Date: 08/17/07

Pre-Assessment: Students receive worksheet, research, quizzes and test

Mid-Term Assessment: There is no midterm exam, student are told when the last test will be before mid-term

Final Assessment: A final exam is given over all the material the students have studied this semester. (The final exam is a open book and open note examination).

<u>Month</u>	<u>Content</u>	<u>Essential Question(s)</u>	<u>Standards (SPI's)</u>	<u>Literacy Focus</u>	<u>Assessment</u>
Aug	<p>School and County rules and regulations. Study Skills</p> <p>HOSA (Health Occupations Students of America) goals and membership</p> <p>Health Care Systems and History of Health Care</p> <p>Medical Terminology Abbreviations</p> <p>Review school and county rules and regulations.</p> <p>Review HOSA goals and purpose</p> <ol style="list-style-type: none"> 1. Describe at least eight types of health care facilities. 2. Compare the basic principles of at least four different health insurance plans. 3. Identify at least career breakthroughs in the history of health care 4. Practice pronunciation of 		<ol style="list-style-type: none"> 1. 2.1 Assess the importance of effective communication and appropriate listening skills. 1. 8.1 Relate the background of HOSA including purpose and principles of the organization creed, motto emblem and dress 2. 8.2 Diagram the organization levels of HOSA 3. 1.3 Use medical terminology including root words, prefixes, suffixes, and abbreviations. 4. 1.5 Evaluate the history of health care in respect to time, culture, religion and regions. 6. 3.1 Analyze the range of services offered to clients 	<ol style="list-style-type: none"> 1. Each chapter focuses on vocabulary. We will go over vocabulary for each chapter. 2. Medical Terminology will also be a focus for each student. 3. We will start each class with a question? The student will write a paragraph on each question everyday. This will be our journaling and bell work. 	<input type="checkbox"/> Project/Presentation <input type="checkbox"/> Teacher Observation <input type="checkbox"/> Show and Tell <input type="checkbox"/> Self-Assessment <input checked="" type="checkbox"/> Test/Quiz <input checked="" type="checkbox"/> Other Worksheets

	<p>medical terms and learn them.</p>		<p>through various health care facilities.</p> <p>7. 3.2 Use National HOSA Biomedical Debate guidelines to debate how various state and federal agencies, regulatory boards, and insurance companies affect the delivery of health care including reimbursement and duplication of services.</p> <p>8. 4.4 Demonstrate proficiency in keyboarding skills, including equipment operation, maintenance and repair, computer systems and computer applications.</p>		
<p>Sept</p>	<p>Vital Signs -Vital Signs are major indications of body function. The health care worker must use precise methods to measure vital signs so results are as accurate as possible.</p> <ol style="list-style-type: none"> List the four main vital signs Read a clinical 	<p>How are the vitals signs important in indicating the health state of the body?</p>	<ol style="list-style-type: none"> 1.1 Compare and complete various patient forms used documenting client/patient information. 1.2 Perform mathematical operations to convert body temperature using Celsius/Fahrenheit 	<ol style="list-style-type: none"> Each chapter focuses on vocabulary. We will go over vocabulary for each chapter. Medical Terminology will also be a focus for each student. We will start each class with a question? The student 	<ul style="list-style-type: none"> <input type="checkbox"/> Project/Presentation <input checked="" type="checkbox"/> Teacher Observation <input checked="" type="checkbox"/> Show and Tell <input type="checkbox"/> Self-Assessment <input checked="" type="checkbox"/> Test/Quiz <input checked="" type="checkbox"/> Other work sheet

	<p>thermometer to the nearest two tenths of a degree</p> <ol style="list-style-type: none"> 3. Measure and record an oral temperature accurately. 4. Count the radial pulse for 1minute. 5. Practice listening to apical pulse. 6. Practice measuring a blood pressure. <p>Infection Control - By learning the principles of infection control, the health care worker will protect themselves, patients and others from diseases.</p> <ol style="list-style-type: none"> 1. Identify five classes of microorganisms by describing the characteristics of each class. 2. List the six components of the chain of infection 3. Differentiate between antisepsis, disinfection, and sterilization. 4. Wash hands according to recommended aseptic technique. 	<p>Why is it essential for an health care worker to know how diseases are spread?</p>	<p>methods.</p> <ol style="list-style-type: none"> 3. 1.3 Use medical terminology including root words, prefixes, suffixes, and abbreviations. 4. 9.3 Measure vital signs <ol style="list-style-type: none"> 1. 7.1 Use standard precautions and OSHA standards to control the spread of infection including aseptic techniques such as hand washing, personal protective equipment, isolation and person hygiene. 2. 7.3 Demonstrate cleaning methods for instruments, equipment, and environmental surfaces. 3. 6.2 Analyze activities that adversely affect the health, safety or welfare of clients/patients. 4. 9.5 Perform medical and surgical 	<p>will write a paragraph on each question everyday.</p> <ol style="list-style-type: none"> 1. Each chapter focuses on vocabulary. We will go over vocabulary for each chapter. 2. Medical Terminology will also be a focus for each student. 3. We will start each class with a question? The student will write a paragraph on each question everyday. 	
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	<p>Legal and Ethical Responsibilities (Professional standards of care help provide guidelines for meeting legal responsibilities, ethics and patients' rights.)</p> <ol style="list-style-type: none"> 1. Provide one example of a situation that might result in legal action for each of the following: malpractice, negligence, and assault and battery, invasion of privacy, false imprisonment, abuse, and defamation. 2. Describe how contract laws affect health care 3. Define privileged communications and explain how they apply to health care. 4. List at least six basic 	<p>How is knowing the responsibilities that exist in the legal and ethical matters of health care important?</p>	<p>aseptic techniques including packaging, gloving and gowning.</p> <p>5. 4.4 Demonstrate proficiency in keyboarding skills, including equipment operation, maintenance and repair, computer systems and computer applications.</p> <p>1.3 Use medical terminology including root words, prefixes, suffixes, and abbreviations.</p> <ol style="list-style-type: none"> 1. 5.1 Examine legal aspects of client/patient care including confidentiality, consent and negligence. 2. 5.2 Employ the Patient's Bill of Rights in maintaining confidentiality and quality health care. 3. 5.4 Analyze legal requirements in documentation. 4. 5.5 Examine global, ethnic, and cultural issues, negligence and legal documentation. 5. 6.1 Compare the needs of 	<ol style="list-style-type: none"> 1. Each chapter focuses on vocabulary. We will go over vocabulary for each chapter. 2. Medical Terminology will also be a focus for each student. 3. We will start each class with a question? The student will write a paragraph on each question everyday. 	
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	<p>rules of ethics for health care personnel</p> <p>5. List at least six rights of the patient who is receiving health care.</p>		<p>client/patient that have cultural, social and ethical differences in regard to the Patient's Bill of Rights.</p> <p>6. 6.3 Interpret a Code of Ethics.</p>		
Oct	<p>Human Growth and Development is a process that begins at birth and does not end until death. Each life stage has its own characteristics and has specific developmental tasks that an individual must master. Death, the five levels of Maslow's hierarchy of needs, and Effective Communication is also part and this lesson. Mastering these concepts will allow health care worker to develop good interpersonal relationships and provide more effective health care.</p> <p>1. Identify at least two physical mental, emotional and social developments that occur during each of the seven main life stages.</p> <p>2. Explain the causes and treatments for eating disorders and chemical abuse</p> <p>3. Describe the five</p>	<p>Why does each life stage create a need that must be met in human beings?</p>	<p>1.3 Use medical terminology including root words, prefixes, suffixes and abbreviations.</p> <p>2. 1.3 Employ principles of growth and development, nutrition, and biology in assessing health.</p> <p>3. 2.1 Assess the important of effective communication using rules of communication and appropriate listening skills</p> <p>4. 2.2 Adapt communication to individual need (age and development specific) and multicultural and multilingual needs.</p> <p>5. 4.3 Demonstrate problem solving and critical thinking skills.</p>	<p>1. Each chapter focuses on vocabulary. We will go over vocabulary for each chapter.</p> <p>2. Medical Terminology will also be a focus for each student.</p> <p>3. We will start each class with a question? The student will write a paragraph on each question everyday.</p>	<p>X Project/Presentation</p> <p>X Teacher Observation</p> <p>X Show and Tell</p> <p>X Self-Assessment</p> <p>X Test/Quiz</p> <p><input type="checkbox"/> Other _____</p>

	<p>stages of grieving that occur in the dying patient and the role of the healthcare worker during each stage.</p> <p>Nutrition-an understanding of basic nutrition is essential for health care worker. Good nutrition helps maintain wellness, a state of good health with optimal body function.</p> <ol style="list-style-type: none"> 1. Name the six groups of essential nutrients and their functions and sources. 2. Calculate the amount of total fat in a snack. 3. Differentiate between the process of digestion, absorption and metabolism. <p>Careers in Health Care – each health care career differs somewhat in the type of duties performed, the education required, the standards that must be met and maintained, and the salary earned. In this unit the student will become familiar with various occupational opportunities and determine which</p>	<p>Why is it important to understand basic nutrition ?</p> <p>How will it help you to research and learn as much about the career you feel you would be suited for as well as researching other careers?</p>	<ol style="list-style-type: none"> 1. 1.3 Use medical terminology including root words, prefixes, suffixes and abbreviations. 2. 1.4 Employ principles of growth and development, nutrition, and biology in assessing health. 3. 9.4 Perform health assessment including measures such as height, weight, nutritional analysis, and psychosocial skills. <ol style="list-style-type: none"> 1. 1.3 Use medical terminology including root words, prefixes, suffixes and abbreviation. 2. 5.5 Compare various career options in each health care cluster and the required education, certification, licensure and registries. 3. 5.3 Analyze the phrase “operate within the scope of 		
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	<p>health care career is most appropriate for their interest and abilities.</p> <ol style="list-style-type: none"> 1. Compare the educational requirements for associate's, bachelor's' and master's degree. 2. Contrast certification, registration and licensure. 3. Describe at least ten different health careers by including a definition of the careers, three duties, educational requirements and employment opportunities. 		<p>care" including licensure, accreditation, and legislation affecting professionals and facilities.</p>		
<p>Nov</p>	<p>First Aid – nearly everyone at some times experiences situations for which a proper knowledge of first aid exists. It is important to follow correct techniques while administering first aid and to provide only the treatment you are qualified to provide. By learning and following the suggested methods, the health care worker can provide correct first aid treatment in</p>	<p>How can learning and following the suggested methods for providing the correct first aid treatment in an emergency situation benefit you in this course?</p>	<ol style="list-style-type: none"> 1. 1.3 Use medical terminology including root words, prefixes, suffixes and abbreviation. 2. 9.1 Demonstrate principles of first aid application in emergency conditions such as bleeding, shock, poisoning, burns, heat and cold exposure, muscle skeletal injuries and sudden illness. 3. 9.2 Demonstrate cardiopulmonary resuscitation emergency 	<ol style="list-style-type: none"> 1. Each chapter focuses on vocabulary. We will go over vocabulary for each chapter. 2. Medical Terminology will also be a focus for each student. 3. We will start each class with a question? The student will write a paragraph on each question everyday. 	<ul style="list-style-type: none"> <input type="checkbox"/> Project/Presentation <input checked="" type="checkbox"/> Teacher Observation <input checked="" type="checkbox"/> Show and Tell <input checked="" type="checkbox"/> Self-Assessment <input checked="" type="checkbox"/> Test/Quiz <input type="checkbox"/> Other _____

	<p>emergency situations until help of experts arrive.</p> <ol style="list-style-type: none"> 1. Demonstrate cardiopulmonary resuscitation for one-person rescue, two-person rescue, infants, children and obstructed-airway victims. 2. Describe first aid for bleeding, poisoning, burns, shock, heat exposure, cold exposure, bone and joint injuries, including fractures and sudden illness including heart attack, stroke, fainting, convulsions, and diabetic reactions. 3. Apply dressing and bandages, observing all safety precaution. <p>Promotion in Safety is an essential responsibility for every health care. An awareness of the causes and prevention of injuries, basic safety standard and fire safety is important in the prevention of serious injuries.</p> <ol style="list-style-type: none"> 1. Use correct body mechanics while performing 	<p>Why is safety the responsibility of every health care worker?</p>	<p>procedures.</p> <ol style="list-style-type: none"> 1. 1.3 Use medical terminology including root words, prefixes, suffixes and abbreviation. 1. 6.2 Analyze activities that adversely affect the health, safety, or welfare of clients/patients. 2. 7.4 Employ 		
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	<p>procedures in class.</p> <p>2. Follow safety regulations for patient safety performing procedure.</p> <p>3. List the four main classes of fire extinguishers.</p> <p>Locate and describe the operation of the nearest fire alarm.</p>		<p>emergency procedures and protocols regarding fire and electrical hazards and hazardous material using health care guidelines such as OSHA standards.</p> <p>3. 7.5 Analyze various situations to document and correct risks to safety including human error, environmental risks and attitudes.</p> <p>4. 7.2 Apply principles of body mechanics including proper lifting techniques, positioning, moving and transferring.</p>		
<p>Dec</p>	<p>Preparing for the World of Work – Job keeping skills important to an employer include using correct grammar in both oral and written communications.</p> <p>Reporting to work on time and when scheduled, being prepared to work following correct policies and procedures. Having a positive attitude, working well with others , taking responsibility for your actions, and being willing to learn.</p>	<p>Is it important to learn skills such as correct grammar, reporting to work on time, following correct policies and procedures, having a positive attitude, working well with others, taking responsibility for your actions and being willing to learn needed in your chosen career?</p>	<p>1. 1.3 Use medical terminology including root words, prefixes, suffixes and abbreviation.</p> <p>2. 4.1 Demonstrate employability skills such as attendance, time management, individual responsibility, professional conduct and appearance.</p> <p>3. 4.2 Demonstrate interview, application, and resume writing skills necessary for job attainment by implementing National HOSA Job Seeking</p>	<p>1. Each chapter focuses on vocabulary. We will go over vocabulary for each chapter.</p> <p>2. Medical Terminology will also be a focus for each student.</p> <p>3. We will start each class with a question? The student will write a paragraph on each question everyday.</p>	<p><input type="checkbox"/> Project/Presentation</p> <p><input type="checkbox"/> Teacher Observation</p> <p><input type="checkbox"/> Show and Tell</p> <p><input checked="" type="checkbox"/> Self-Assessment</p> <p><input checked="" type="checkbox"/> Test/Quiz</p> <p><input type="checkbox"/> Other _____</p>

	<p>Without good job-keeping skills, no amount of knowledge will help you keep a job.</p> <p>Telephone Etiquette – proper use of the telephone is an essential skill for those who work in the health care career to maintain a professional attitude.</p> <ol style="list-style-type: none">1. Identify at least five job-keeping skills and explain why employers consider them to be essential skills.2. Prepare a resume containing all necessary information and meeting standards for neatness and correctness.3. Demonstrate how to participate in a job interview, including wearing correct dress and meeting standards established.4. Utilize correct telephone techniques when using a business telephone.		<p>Skills guidelines.</p> <p>4. 4.3 Demonstrate problem solving and critical thinking skills.</p> <p>5. 2.3 Demonstrate telephone etiquette and facility specific guidelines in handling situations including problem calls, emergency calls, and sending and receiving</p>		
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