



9-12TH GRADE

HOSA CURRICULUM

Middle Township Public Schools
216 S. Main Street
Cape May Court House, NJ 08210

Born On Date: June 18, 2015

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Unit 1: Introduction to Healthcare

Standards	Learning Objectives	Activities/Differentiation	Assessments	Instructional Resources
<p>CTE</p> <p>9.2.12.C.4</p>	<p>Chapter 1: History and Trends of Health Care</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identify medical/health care milestones that have led to advances in health care. <input type="checkbox"/> Name at least six historical figures and explain how each one has helped to improve health care 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> History fact or fiction handout <input type="checkbox"/> Who am I and What did I do activity <input type="checkbox"/> The Doctor is in <input type="checkbox"/> Medical History Job Resume <input type="checkbox"/> History of health care teaching project <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>
<p>CTE</p> <p>9.2.12.C.8</p> <p>9.3.HL.2-5</p> <p>9.3.HL-HI.1-3</p>	<p>Chapter 2: Health Care System</p> <ul style="list-style-type: none"> - Explain how the two delivery systems are similar and dissimilar - How is an aging population impacting healthcare and why is hospice care important to the health care system? 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Health care systems reading guide <input type="checkbox"/> Graphic organizer comparing different types of health insurance <input type="checkbox"/> Current event report <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>
<p>CTE</p> <p>9.2.12.C.3-7</p> <p>9.3.HL.1-6</p>	<p>Chapter 3: Careers in Health Care</p> <ul style="list-style-type: none"> <input type="checkbox"/> Compare the education requirements for associate's, bachelor's, master's degree <input type="checkbox"/> Explore a potential health science career <input type="checkbox"/> List and explain qualities of a health care worker 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/Power point note taker <input type="checkbox"/> Personality inventory <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Career Project Presentation <input type="checkbox"/> Shoe box Career <input type="checkbox"/> Health care worker interview <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>

Unit 2. Anatomy and Physiology / Nutrition and Diets

Standards	Learning Objectives	Activities/Differentiation	Assessments	Instructional Resources
<p>CTE 9.3.HI.1</p> <p>NGSS: HS-LSI-2-3</p>	<p>Chapter 7: Anatomy and Physiology</p> <ul style="list-style-type: none"> - Label and define the basic parts of the cell - Explain the relationship between cells, tissues, organs, organ systems, and organisms - Identify the major functions of each body system 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Body system poster <input type="checkbox"/> Body system station activities <input type="checkbox"/> Current event reports: Organ system diseases <input type="checkbox"/> Medical Case studies <input type="checkbox"/> Fetal pig dissection <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>
<p>CTE 9.3.HI.1</p> <p>NGSS: HS-LSI-2-3</p>	<p>Chapter 11: Diet and Nutrition</p> <ul style="list-style-type: none"> - Define the term nutrition and list the effects of good and bad nutrition - List the 6 groups of essential nutrients and explain the function and sources. - Calculate an individual's daily required intake - Name, describe, and explain the purposes of at least 8 therapeutic diets 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Body system poster <input type="checkbox"/> Body system station activities <input type="checkbox"/> Body system station activities and analysis <input type="checkbox"/> Current event reports: Organ system diseases <input type="checkbox"/> Medical Case studies <input type="checkbox"/> Fetal pig dissection <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>

Unit 3: Medical terminology & Medical Math

Standards	Learning Objectives	Activities/Differentiation	Assessments	Instructional Resources
<p>CTE</p> <p>9.2.12.C.1-2</p> <p>9.3.HL-DIA.1-2</p>	<p>Chapter 6: Medical Terminology</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identify basic medical abbreviations <input type="checkbox"/> Define prefixes, suffixes, and word roots 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Medical Terminology Bingo <input type="checkbox"/> First Aid Scenarios] <input type="checkbox"/> Medical Terminology crosswords/ word search <input type="checkbox"/> Medical Terminology flash cards <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>
<p>CTE</p> <p>9.2.12.C.1-2</p> <p>9.3.HL-DIA.1-2</p>	<p>Chapter 13: Medical Math</p> <ul style="list-style-type: none"> - Demonstrate basic mathematical skills - Solve mathematical and metric unit conversions 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Pretest/Post test <input type="checkbox"/> Metric unit flashcards <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>

Unit 4: Human Needs and Cultural Diversity				
Standards	Learning Objectives	Activities/Differentiation	Assessments	Instructional Resources
CTE 9.2.12.C.1-2 9.3.HL-THR.1-4	Chapter 8: Human Needs Part 1 <ul style="list-style-type: none"> - List and explain the stages of life - Identify and explore commonly used defense mechanisms - Evaluate Maslow's Hierarchy of Needs 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Defense Mechanisms Scenarios & Comic Strips <input type="checkbox"/> Maslow's Hierarchy needs scenarios * comic strip <input type="checkbox"/> Mental health graphic organizer and research <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	Quizzes, test, projects, and presentations	Text, power point, laptop, internet access Diversified Health Occupations by Louise Simmers Teacher created worksheets, quizzes, test, labs and projects.
CTE 9.2.12.C.1-2; 5	Chapter 8: Death and Dying Part 2 <ul style="list-style-type: none"> - Identify the five stages of grieving that occur in the dying patient. - Describe the role of the health care worker in each of the five stages. - Explain the role of hospice care. 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Death and Dying Inventory <input type="checkbox"/> Death and Dying Scenarios <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	Quizzes, test, projects, and presentations	Text, power point, laptop, internet access Diversified Health Occupations by Louise Simmers Teacher created worksheets, quizzes, test, labs and projects.

Unit 5: Safety & Infection Control

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Standards	Learning Objectives	Activities/Differentiation	Assessments	Instructional Resources
<p>CTE 9.2.12.C.1-2</p>	<p>CH 14 Safety</p> <ul style="list-style-type: none"> - Recognize safety hazards in the classroom and workplace. - Apply good body mechanics. - Recognize fire hazards and demonstrate proper use of a fire extinguisher. - Demonstrate proper handling of hazardous materials. - Locate information found in MSDS sheets. 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Safety Poster <input type="checkbox"/> Safety Web activity <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>
<p>CTE 9.3.HL-BRD.4</p>	<p>CH 15 Infection Control</p> <ul style="list-style-type: none"> - Analyze principles of infection control - Identify the Chain of Infection and its role in preventing the spread of microorganisms - Demonstrate proper use of Standard Precautions 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Create a health care poster on infection control <input type="checkbox"/> K-L Chart on principles of infection control <input type="checkbox"/> Isolation Fact or Fiction <input type="checkbox"/> Standard Precaution Scenarios <input type="checkbox"/> Current event: Infectious diseases <input type="checkbox"/> Demonstrate hand washing <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>

Unit 6: Vital Signs				
Standards	Learning Objectives	Activities/Differentiation	Assessments	Instructional Resources
<p>CTE</p> <p>9.3.HL-DIA.1-5</p>	<p>CH 16 Vital Signs</p> <ul style="list-style-type: none"> - Identify normal and abnormal V/S measurements. - Learn procedure of measuring and recording vital signs (will not develop industry standards proficiency.) - Learn to measure and record height and weight (will not develop industry standards proficiency.) - Explain why urine, stool, and sputum specimens are collected. - Explain the rules for collecting different specimens - Describe the seven warning signs of cancer - 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Vital Signs Skill Sheets <input type="checkbox"/> Vital signs Word Search <input type="checkbox"/> Cancer Research Project <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects..</p>

Unit 7: Preparing for Work and Communication				
Standards	Learning Objectives	Activities/Differentiation	Assessments	Instructional Resources
<p>CTE</p> <p>9.2.12. C.1</p>	<p>CH 18 Preparing for the World of Work</p> <ul style="list-style-type: none"> - Identify at least 5 job keeping skills and explain why employers consider them to be essential skills - Complete a job application, write a cover letter and resume 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Career portfolio <input type="checkbox"/> Workplace interviews <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>
<p>CTE</p> <p>9.3.HL-THR.1-4</p>	<p>Communication</p> <ul style="list-style-type: none"> - Demonstrate the use of positive communication techniques. - Utilize two types of communication. - Explore possible barriers to communication - Relate and communicate multicultural and multilingual needs. - Differentiate between subjective and objective information. - Maintain confidentiality. - Evaluate technological threats to confidentiality. - Discuss patient/client confidentiality. - Analyze legal ethical aspects of confidentiality. 	<ul style="list-style-type: none"> <input type="checkbox"/> Power point/ Power point note taker <input type="checkbox"/> Ethical Dilemma Editorial <input type="checkbox"/> Biomedical Debate or Researched Persuasive Speaking <input type="checkbox"/> Word toss <input type="checkbox"/> Guidelines for Communicating with the Disabled <input type="checkbox"/> Activities from DHO workbook <input type="checkbox"/> Small group instruction, graphic organizers, modified worksheets and tests 	<p>Quizzes, test, projects, and presentations</p>	<p>Text, power point, laptop, internet access</p> <p>Diversified Health Occupations by Louise Simmers</p> <p>Teacher created worksheets, quizzes, test, labs and projects.</p>