

**Alignment of American Careers Health Careers Planner
with Idaho State Standards – High School**

SCENARIO 1: MOTORCYCLE CRASH

<p>Project 1.1: Post-Traumatic Stress Disorder</p>	
<p>Health Occupations for Secondary Schools Standards</p> <p><i>Introduction to the Health Care Industry</i></p> <ul style="list-style-type: none"> • Describe health care delivery systems and the contributions each make to the health of a community. • Identify basic human needs and how the health care industry responds. • Describe the composition and functions of a health care team. <p><i>Career Awareness</i></p> <ul style="list-style-type: none"> • Develop individual career awareness in the health care industry. <p><i>Wellness: Healthy Life Practices</i></p> <ul style="list-style-type: none"> • Identify and discuss the rights and responsibilities of the health care consumer and health care worker. • Identify healthy and unhealthy mental and emotional conditions; healthy mental/emotional life practices and community resources for intervention. <p><i>Applied Communications</i></p> <ul style="list-style-type: none"> • Demonstrate communication skills appropriate to a health care setting. • Demonstrate effective listening skills. • Assess the appropriateness of oral and written communication for an intended audience. <p><i>Problem Solving</i></p> <ul style="list-style-type: none"> • Apply problem solving strategies to health care situations. <p><i>Teamwork</i></p> <ul style="list-style-type: none"> • Demonstrate sensitivity to the needs of others. 	<p>Idaho Academic Standards</p> <p><i>Language Arts/Communications</i></p> <p><i>Reading</i></p> <ul style="list-style-type: none"> • Read to locate information from a variety of traditional, technical and electronic sources. <p><i>Writing</i></p> <ul style="list-style-type: none"> • Understand and use the writing process. • Write and edit for correctness and clarity. <p><i>Viewing</i></p> <ul style="list-style-type: none"> • Use a variety of resources to produce visuals that communicate through print and non-print media. <p><i>Science</i></p> <p><i>Unifying Concepts of Science</i></p> <ul style="list-style-type: none"> • Understand systems, order and organization. <p><i>Social Studies</i></p> <p><i>Critical Thinking and Analytical Skills</i></p> <ul style="list-style-type: none"> • Acquire critical thinking and analytical skills. <p><i>Health</i></p> <p><i>Communication Skills for Healthy Relationships</i></p> <ul style="list-style-type: none"> • Demonstrate the ability to use communication skills to enhance health. <p><i>Consumer Health</i></p> <ul style="list-style-type: none"> • Organize, analyze and apply health information practices and services appropriate for individual needs. <p><i>Mental and Emotional Wellness</i></p> <ul style="list-style-type: none"> • Understand and demonstrate key components to positive mental and emotional health. <p style="text-align: right;"><i>(continued)</i></p>

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<p>Project 1.2: Arterial Blood Gases</p>	
<p>Health Occupations for Secondary Schools Standards</p> <p><i>Introduction to the Health Care Industry</i></p> <ul style="list-style-type: none"> • Identify basic human needs and how the health care industry responds. • Describe the composition and functions of a health care team. <p><i>Medical Terminology</i></p> <ul style="list-style-type: none"> • Use basic medical terminology and approved abbreviations. <p><i>Career Awareness</i></p> <ul style="list-style-type: none"> • Develop individual career awareness in the health care industry. <p><i>Anatomy and Physiology</i></p> <ul style="list-style-type: none"> • Explain the structure and function of cells, tissues and anatomical cavities and relate to wellness/illness. • Explain the structure and function of the circulatory system and relate to wellness/illness. • Explain the structure and function of the respiratory system and relate to wellness/illness. <p><i>Applied Mathematics</i></p> <ul style="list-style-type: none"> • Compute basic math concepts. • Use formulas to solve problems. <p><i>Applied Communications</i></p> <ul style="list-style-type: none"> • Demonstrate communication skills appropriate to a health care setting. <p><i>Applied English</i></p> <ul style="list-style-type: none"> • Organize and prepare written and oral presentations. <p><i>Applied Science and Technology</i></p> <ul style="list-style-type: none"> • Apply basic knowledge of biological sciences. 	<p>Idaho Academic Standards</p> <p>Language Arts/ Communications</p> <p><i>Writing</i></p> <ul style="list-style-type: none"> • Understand and use the writing process. <p>Mathematics</p> <p><i>Basic Arithmetic, Estimation and Accurate Computations</i></p> <ul style="list-style-type: none"> • Understand and use numbers. • Perform computations accurately. • Estimate and judge reasonableness of results. <p><i>Concepts and Language of Algebra</i></p> <ul style="list-style-type: none"> • Use algebraic symbolism as a tool to represent mathematical relationships. • Solve algebraic equations and inequalities. <p>Science</p> <p><i>Unifying Concepts of Science</i></p> <ul style="list-style-type: none"> • Understand systems, order and organization. • Understand constancy, change and measurement. <p>Social Studies</p> <p><i>Critical Thinking and Analytical Skills</i></p> <ul style="list-style-type: none"> • Acquire critical thinking and analytical skills.

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<p>Project 1.3: Babinski Test</p>	
<p>Health Occupations for Secondary Schools Standards</p> <p><i>Medical Terminology</i></p> <ul style="list-style-type: none"> • Use basic medical terminology and approved abbreviations. <p><i>Career Awareness</i></p> <ul style="list-style-type: none"> • Develop individual career awareness in the health care industry. <p><i>Anatomy and Physiology</i></p> <ul style="list-style-type: none"> • Explain the structure and function of the nervous system and relate to wellness/illness. <p><i>Communications in Health Care</i></p> <ul style="list-style-type: none"> • Define the process of communication and its components. • Demonstrate effective interpersonal relationships in the workplace. • Identify the variety of communication methods in health care facilities. <p><i>Applied Communications</i></p> <ul style="list-style-type: none"> • Demonstrate communication skills appropriate to a health care setting. • Relate appropriately to co-workers, supervisors and clients. <p><i>Applied Science and Technology</i></p> <ul style="list-style-type: none"> • Apply basic knowledge of biological sciences. <p><i>Teamwork</i></p> <ul style="list-style-type: none"> • Demonstrate sensitivity to the needs of others. 	<p>Idaho Academic Standards</p> <p><i>Language Arts/Communications</i></p> <p><i>Viewing</i></p> <ul style="list-style-type: none"> • View for information and understanding. <p><i>Science</i></p> <p><i>Unifying Concepts of Science</i></p> <ul style="list-style-type: none"> • Understand systems, order and organization. • Understand concepts and processes of evidence, models and explanations. • Understand concepts of form and function. <p><i>Health</i></p> <p><i>Consumer Health</i></p> <ul style="list-style-type: none"> • Organize, analyze and apply health information practices and services appropriate for individual needs.

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<p>Project 1.4: HIPAA Privacy Act</p>	
<p>Health Occupations for Secondary Schools Standards</p> <p><i>Introduction to the Health Care Industry</i></p> <ul style="list-style-type: none"> • Discuss issues and trends in the American health care industry. • Discuss legislation that has profoundly affected health care. <p><i>Communications in Health Care</i></p> <ul style="list-style-type: none"> • Demonstrate effective interpersonal relationships in the workplace. <p><i>Legal and Ethical Responsibilities</i></p> <ul style="list-style-type: none"> • Explain terms, principles and characteristics of legal and ethical behavior. • Identify laws/regulations that relate/affect legal and ethical behavior in health care. • Explain the legal and ethical ramifications of recording/reporting client/patient information. <p><i>Applied Communications</i></p> <ul style="list-style-type: none"> • Demonstrate communication skills appropriate to a health care setting. • Relate appropriately to co-workers, supervisors and clients. <p><i>Applied English</i></p> <ul style="list-style-type: none"> • Write legibly. • Organize and prepare written and oral presentations. <p><i>Personal Management Skills</i></p> <ul style="list-style-type: none"> • Demonstrate job keeping skills. 	<p>Idaho Academic Standards</p> <p><i>Language Arts/Communications</i></p> <p>Reading</p> <ul style="list-style-type: none"> • Read a variety of traditional, technical and electronic materials for critical analysis and evaluation. • Read to locate information from a variety of traditional, technical and electronic sources. <p>Writing</p> <ul style="list-style-type: none"> • Understand and use the writing process. • Write and edit for correctness and clarity. • Write to gather, synthesize and communicate research findings. <p><i>Social Studies</i></p> <p>Critical Thinking and Analytical Skills</p> <ul style="list-style-type: none"> • Acquire critical thinking and analytical skills. <p>Citizen Responsibilities and Rights</p> <ul style="list-style-type: none"> • Understand that all citizens of the United States have responsibilities and rights. <p><i>Health</i></p> <p>Consumer Health</p> <ul style="list-style-type: none"> • Organize, analyze and apply health information practices and services appropriate for individual needs.

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Project 1.5: Emergency Room Support Service	
<p>Health Occupations for Secondary Schools Standards</p> <p><i>Introduction to the Health Care Industry</i></p> <ul style="list-style-type: none"> • Describe health care delivery systems and the contributions each make to the health of a community. • Identify basic human needs and how the health care industry responds. • Describe the composition and functions of a health care team. <p><i>Medical Terminology</i></p> <ul style="list-style-type: none"> • Use basic medical terminology and approved abbreviations. <p><i>Career Awareness</i></p> <ul style="list-style-type: none"> • Develop individual career awareness in the health care industry. <p><i>Applied Communications</i></p> <ul style="list-style-type: none"> • Pronounce words according to acceptable Standard English. <p><i>Applied English</i></p> <ul style="list-style-type: none"> • Use a variety of resource materials to gain knowledge and improve comprehension. <p><i>Applied Science and Technology</i></p> <ul style="list-style-type: none"> • Apply basic knowledge of biological sciences. • Support interpretations and decisions about relative significance of information with explicit statement, evidence and appropriate argument. <p><i>Standard 3: Critical Analysis and Evaluation</i></p> <ul style="list-style-type: none"> • Make effective use of details, evidence and arguments and of presentational strategies to influence an audience to adopt a position. 	<p>Idaho Academic Standards</p> <p><i>Language Arts/Communications</i></p> <p><i>Reading</i></p> <ul style="list-style-type: none"> • Read a variety of traditional and electronic materials for information and understanding. • Read for technical information. <p><i>Writing</i></p> <ul style="list-style-type: none"> • Understand and use the writing process. • Write and edit for correctness and clarity. • Write to gather, synthesize and communicate research findings. <p><i>Science</i></p> <p><i>Unifying Concepts of Science</i></p> <ul style="list-style-type: none"> • Understand systems, order and organization. • Understand concepts of form and function. <p><i>Technology</i></p> <ul style="list-style-type: none"> • Understand the relationship between science and technology and develop the abilities of technological design and application. <p><i>Social Studies</i></p> <p><i>Critical Thinking and Analytical Skills</i></p> <ul style="list-style-type: none"> • Acquire critical thinking and analytical skills. <p><i>Health</i></p> <p><i>Consumer Health</i></p> <ul style="list-style-type: none"> • Organize, analyze and apply health information practices and services appropriate for individual needs.

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Project 1.6: Brain Anatomy	
<p>Health Occupations for Secondary Schools Standards</p> <p><i>Introduction to the Health Care Industry</i></p> <ul style="list-style-type: none"> Identify basic human needs and how the health care industry responds. <p><i>Medical Terminology</i></p> <ul style="list-style-type: none"> Use basic medical terminology and approved abbreviations. <p><i>Career Awareness</i></p> <ul style="list-style-type: none"> Develop individual career awareness in the health care industry. <p><i>Anatomy and Physiology</i></p> <ul style="list-style-type: none"> Explain the structure and function of cells, tissues and anatomical cavities and relate to wellness/illness. Explain the structure and function of the nervous system and relate to wellness/illness. <p><i>Applied Communications</i></p> <ul style="list-style-type: none"> Interpret implied meanings of written, oral and visual communications. <p><i>Applied English</i></p> <ul style="list-style-type: none"> Organize and prepare written and oral presentations. Use a variety of resource materials to gain knowledge and improve comprehension. <p><i>Applied Science and Technology</i></p> <ul style="list-style-type: none"> Apply basic knowledge of biological sciences. 	<p>Idaho Academic Standards</p> <p><i>Language Arts/Communications</i></p> <p><i>Reading</i></p> <ul style="list-style-type: none"> Read a variety of traditional and electronic materials for information and understanding. Read for technical information. <p><i>Writing</i></p> <ul style="list-style-type: none"> Understand and use the writing process. Write and edit for correctness and clarity. Write to critically analyze and evaluate. Write to gather, synthesize and communicate research findings. <p><i>Viewing</i></p> <ul style="list-style-type: none"> View for information and understanding. Use a variety of resources to produce visuals that communicate through print and non-print media. <p><i>Mathematics</i></p> <p><i>Concepts and Principles of Measurement</i></p> <ul style="list-style-type: none"> Apply the concepts of ratios and proportions. <p><i>Concepts and Principles of Geometry</i></p> <ul style="list-style-type: none"> Apply concepts of size, shape and spatial relationships. <p><i>Science</i></p> <p><i>Unifying Concepts of Science</i></p> <ul style="list-style-type: none"> Understand systems, order and organization. Understand concepts and processes of evidence, models and explanations. <p><i>Concepts of Scientific Inquiry</i></p> <ul style="list-style-type: none"> Understand scientific inquiry and develop critical thinking skills. <p><i>Interdisciplinary Concepts</i></p> <ul style="list-style-type: none"> Understand technical communication.

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Project 1.6: Brain Anatomy <i>(continued)</i>	
<p>Social Studies <i>Critical Thinking and Analytical Skills</i></p> <ul style="list-style-type: none">• Acquire critical thinking and analytical skills. <p>Health <i>Healthy Lifestyles</i></p> <ul style="list-style-type: none">• Acquire the essential skills to lead a healthy life. <p><i>Consumer Health</i></p> <ul style="list-style-type: none">• Organize, analyze and apply health information practices and services appropriate for individual needs.	

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SCENARIO 2: DIABESITY

<p>Project 2.1: Nutrition Matters</p>	
<p>Health Occupations for Secondary Schools Standards</p> <p><i>Introduction to the Health Care Industry</i></p> <ul style="list-style-type: none"> • Discuss issues and trends in the American health care industry. • Identify basic human needs and how the health care industry responds. <p><i>Medical Terminology</i></p> <ul style="list-style-type: none"> • Use basic medical terminology and approved abbreviations. <p><i>Career Awareness</i></p> <ul style="list-style-type: none"> • Develop individual career awareness in the health care industry. <p><i>Anatomy and Physiology</i></p> <ul style="list-style-type: none"> • Explain the structure and function of the digestive system and relate to wellness/illness. <p><i>Wellness: Healthy Life Practices</i></p> <ul style="list-style-type: none"> • Identify and discuss the rights and responsibilities of the health care consumer and health care worker. • Identify and explain the significance of healthy nutritional practices and incorporate these practices in the overall plan for healthy living. <p><i>Communications in Health Care</i></p> <ul style="list-style-type: none"> • Demonstrate effective interpersonal relationships in the workplace. • Identify the variety of communication methods in health care facilities. <p><i>Leadership and Followership</i></p> <ul style="list-style-type: none"> • Perform leadership/followership skills 	<p>Idaho Academic Standards</p> <p><i>Language Arts/Communications</i></p> <p><i>Reading</i></p> <ul style="list-style-type: none"> • Read a variety of traditional, technical and electronic materials for critical analysis and evaluation. <p><i>Writing</i></p> <ul style="list-style-type: none"> • Understand and use the writing process. • Write and edit for correctness and clarity. • Write to critically analyze and evaluate. <p><i>Mathematics</i></p> <p><i>Basic Arithmetic, Estimation and Accurate computations.</i></p> <ul style="list-style-type: none"> • Understand and use numbers. • Perform computations accurately. <p><i>Mathematical Reasoning and Problem Solving</i></p> <ul style="list-style-type: none"> • Understand and use a variety of problem solving skills. • Communicate results using appropriate terminology and methods. <p><i>Concepts and Principles of Measurement</i></p> <ul style="list-style-type: none"> • Understand and use U.S. customary and metric measurements. <p><i>Concepts and Language of Algebra</i></p> <ul style="list-style-type: none"> • Use algebraic symbolism as a tool to represent mathematical relationships. <p><i>Science</i></p> <p>Unifying Concepts of Science</p> <ul style="list-style-type: none"> • Understand systems, order and organization. • Understand constancy, change and measurement.