

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard I: Academic Foundations	
<p>1.1 Human Structure and Function</p> <p>Motorcycle Crash Arterial Blood Gases Babinski Test Brain Anatomy</p> <p>Diabetesity A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Pancreas and Insulin Research</p> <p>Stroke Victim Clot or Blockage Simulation Cardiovascular System Chart in SOAP Format Insurance Lipitor and Statin Research</p> <p>West Nile Virus Sedimentation Rate Cell Behavior Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Conditioning Research</p> <p>Dentistry Dental Office Receptionist Dental Assistant</p>	<p>Biomedical Research DNA Isolation Investigating Blood Biomedical Research</p> <p>Forensic Medicine What's Your Type? Collecting Fingerprint Data Understanding Evidence</p> <p>1.2 Diseases and Disorders</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases Babinski Test Brain Anatomy</p> <p>Diabetesity Nutrition Matters Body Mass Index A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Health Care Team Pancreas and Insulin Research</p> <p>Stroke Victim Barthel Index Clot or Blockage Simulation Cardiovascular System Chart in SOAP Format Insurance Lipitor and Statin Research</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard I: Academic Foundations (<i>cont'd</i>)	
<p>1.2 Diseases and Disorders (cont'd)</p> <ul style="list-style-type: none"> West Nile Virus <ul style="list-style-type: none"> Sedimentation Rate Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination Sports Injury <ul style="list-style-type: none"> Physical Therapy Exercises Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology <ul style="list-style-type: none"> Pain Scale Conditioning Research Dentistry <ul style="list-style-type: none"> Dental Laboratory Technician Dietetics and Nutrition Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Office Receptionist Dental Assistant Central Supply Attendant Biomedical Research <ul style="list-style-type: none"> Germs: The Good, The Bad, The Ugly Explore the Power of Information Biomedical Research 	<p>1.3 Medical Mathematics</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Arterial Blood Gases Diabetes <ul style="list-style-type: none"> Nutrition Matters Body Mass Index A1C and Diabetic Control Stroke Victim <ul style="list-style-type: none"> Materials Management Bid West Nile Virus <ul style="list-style-type: none"> Sedimentation Rate Spread of Viruses Agglutination Sports Injury <ul style="list-style-type: none"> Physical Fitness and Conditioning Budget and Resource Planning Biomedical Engineering Dentistry <ul style="list-style-type: none"> Biomaterials and Bioengineering Biomedical Research <ul style="list-style-type: none"> Explore the Power of Information

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 2: Communications	
<p>2.1 Concepts of Effective Communication</p> <p>Motorcycle Crash Posttraumatic Stress Disorder Arterial Blood Gases Babinski Test HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetesity Nutrition Matters Body Mass Index Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Barthel Index Clot or Blockage Simulation Cardiovascular System Chart in SOAP Format Insurance Materials Management Bid Lipitor and Statin Research</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Sedimentation Rate Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination</p>	<p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research</p> <p>Dentistry Dental Laboratory Assistant Dietetics and Nutrition Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Office Receptionist Dental Assistant Central Supply Attendant Biomaterials and Bioengineering</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly DNA Isolation Explore the Power of Information Investigating Blood Biomedical Research</p> <p>Forensic Medicine What's Your Type? Diagnosing a Crime Scene Collecting Fingerprint Data Strong Links Understanding Evidence</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 2: Communications (cont'd)	
<p>2.2 Medical Terminology</p> <p>Motorcycle Crash Posttraumatic Stress Disorder Arterial Blood Gases Babinski Test HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetes A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Pancreas and Insulin Research</p> <p>Stroke Victim Barthel Index Chart in SOAP Format Insurance Lipitor and Statin Research</p> <p>West Nile Virus Sedimentation Rate Cleaning Procedures and Infection Control Cell Behavior Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning</p> <p>Dentistry Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Dental Office Receptionist</p>	<p>Dental Assistant Biomaterials and Bioengineering</p> <p>Biomedical Research DNA Isolation Explore the Power of Information Biomedical Research</p> <p>2.3 Written Communication Skills</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases Babinski Test HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetes Nutrition Matters Body Mass Index Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Barthel Index Clot or Blockage Simulation Cardiovascular System Chart in SOAP Format Insurance Materials Management Bid Lipitor and Statin Research</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 2: Communications (<i>cont'd</i>)	Foundation Standard 3: Systems
<p>2.3 Written Communication Skills (<i>cont'd</i>)</p> <ul style="list-style-type: none"> West Nile Virus <ul style="list-style-type: none"> Sedimentation Rate Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination Sports Injury <ul style="list-style-type: none"> Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research Dentistry <ul style="list-style-type: none"> Dietetics and Nutrition Dental Office Receptionist Dental Assistant Central Supply Attendant Biomaterials and Bioengineering Biomedical Research <ul style="list-style-type: none"> Explore the Power of Information Forensic Medicine <ul style="list-style-type: none"> What's Your Type? Diagnosing a Crime Scene Collecting Fingerprint Data Strong Links Understanding Evidence 	<p>3.1 Health Care Delivery Systems</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Post-traumatic Stress Disorder Arterial Blood Gases HIPAA Privacy Act Diabetes <ul style="list-style-type: none"> A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Health Care Team Pancreas and Insulin Research Stroke Victim <ul style="list-style-type: none"> Barthel Index Chart in SOAP Format Insurance Materials Management Bid West Nile Virus <ul style="list-style-type: none"> Sedimentation Rate Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Sports Injury <ul style="list-style-type: none"> Physical Therapy Exercises Physical Fitness and Conditioning Budget and Resource Planning Conditioning Research

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 3: Systems (<i>cont'd</i>)	Foundation Standard 4: Employability Skills
<p>3.1 Health Care Delivery Systems (<i>cont'd</i>)</p> <p>Dentistry Maxillofacial Prosthodontist, a Dental Specialty Dental Office Receptionist Dental Assistant Central Supply Attendant Biomaterials and Bioengineering</p> <p>Biomedical Research Explore the Power of Information Biomedical Research</p> <p>Forensic Medicine Strong Links Understanding Evidence</p>	<p>4.1 Personal Traits of the Healthcare Professional</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Cleaning Procedures and Infection Control</p> <p>Sports Injury Pain Scale</p> <p>Dentistry Maxillofacial Prosthodontist, a Dental Specialty Dental Office Receptionist Central Supply Attendant</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly</p> <p>Forensic Medicine Diagnosing a Crime Scene Collecting Fingerprint Data Strong Links</p> <p>4.2 Employability Skills</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases Babinski Test HIPAA Privacy Act Brain Anatomy</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 4: Employability Skills (cont'd)	
<p>4.2 Employability Skills (cont'd)</p> <p>Diabetes</p> <ul style="list-style-type: none"> Nutrition Matters Body Mass Index A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research <p>Stroke Victim</p> <ul style="list-style-type: none"> Barthel Index Chart in SOAP Format Materials Management Bid Lipitor and Statin Research <p>West Nile Virus</p> <ul style="list-style-type: none"> Put on a Gown, Mask and Gloves Sedimentation Rate Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination <p>Sports Injury</p> <ul style="list-style-type: none"> Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research 	<p>Dentistry</p> <ul style="list-style-type: none"> Dental Laboratory Technician Dietetics and Nutrition Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Office Receptionist Dental Assistant Biomaterials and Bioengineering <p>Biomedical Research</p> <ul style="list-style-type: none"> DNA Isolation Explore the Power of Information Investigating Blood <p>Forensic Medicine</p> <ul style="list-style-type: none"> What's Your Type? Diagnosing a Crime Scene Collecting Fingerprint Data Strong Links Understanding Evidence <p>4.3 Career Decision-Making</p> <ul style="list-style-type: none"> General Attitude Survey Performance Assessment <p>4.4 Employability Preparation</p> <ul style="list-style-type: none"> Performance Assessment

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 5: Legal Responsibilities	
<p>5.1 Legal Implications</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabetes Biohazardous Waste Materials</p> <p>Stroke Victim Chart in SOAP Format</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Spread of Viruses Cleaning Procedures and Infection Control</p> <p>Sports Injury Physical Therapy Exercises Biomedical Engineering</p> <p>Dentistry Pathology Technician Dental Office Receptionist</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly</p> <p>Forensic Medicine What's Your Type? Strong Links</p>	<p>5.2 Legal Practices</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Dentistry Central Supply Attendant</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 6: Ethics	
<p>6.1 Ethical Boundaries</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabetes Body Mass Index Biohazardous Waste Material Treatment</p> <p>Stroke Victim Chart in SOAP Format Insurance</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Cleaning Procedures and Infection Control</p> <p>Sports Injury Pain Scale</p> <p>Dentistry Dental Office Receptionist Central Supply Attendant</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly</p> <p>Forensic Medicine Diagnosing a Crime Scene Strong Links</p>	<p>6.2 Ethical Practice</p> <p>Motorcycle Crash Babinski Test HIPAA Privacy Act</p> <p>Diabetes Body Mass Index Biohazardous Waste Material Treatment</p> <p>Stroke Victim Barthel Index Insurance Materials Management Bid</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Spread of Viruses Cleaning Procedures and Infection Control</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Biomedical Engineering</p> <p>Dentistry Dental Office Receptionist Central Supply Attendant</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly</p> <p>Forensic Medicine Strong Links</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 6: Ethics (<i>cont'd</i>)	Foundation Standard 7: Safety Practices
<p>6.3 Cultural, Social and Ethnic Diversity</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Posttraumatic Stress Disorder HIPAA Privacy Act Diabetes <ul style="list-style-type: none"> Body Mass Index Medical Educator Stroke Victim <ul style="list-style-type: none"> Barthel Index Sports Injury <ul style="list-style-type: none"> Pain Scale 	<p>7.1 Infection Control</p> <ul style="list-style-type: none"> Diabetes <ul style="list-style-type: none"> Biohazardous Waste Material Treatment West Nile Virus <ul style="list-style-type: none"> Put on a Gown, Mask and Gloves Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Dentistry <ul style="list-style-type: none"> Central Supply Attendant Biomedical Research <ul style="list-style-type: none"> Germs: The Good, The Bad, The Ugly <p>7.2 Personal Safety</p> <ul style="list-style-type: none"> Stroke Victim <ul style="list-style-type: none"> Clot or Blockage Simulation Cardiovascular System West Nile Virus <ul style="list-style-type: none"> Put on a Gown, Mask and Gloves Cleaning Procedures and Infection Control Agglutination Sports Injury <ul style="list-style-type: none"> Physical Fitness Exercises Physical Fitness and Conditioning Pain Scale

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 7: Safety Practices (cont'd)	
<p>Dentistry Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Biomaterials and Bioengineering</p> <p>7.3 Environmental Safety</p> <p>Diabetes Biohazardous Waste Material Treatment</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Cleaning Procedures and Infection Control</p> <p>7.4 Common Safety Hazards</p> <p>Diabetes Biohazardous Waste Material Treatment</p> <p>Stroke Victim Clot or Blockage Simulation Cardiovascular System</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Agglutination</p> <p>Sports Injury Pain Scale</p>	<p>Dentistry Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Biomaterials and Bioengineering</p> <p>7.5 Emergency Procedures and Protocols</p> <p>Motorcycle Accident Emergency Room Support Service</p> <p>Forensic Medicine What's Your Type? Collecting Fingerprint Data</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 8: Teamwork	
<p>8.1 Health Care Teams</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Babinski Test HIPAA Privacy Act Emergency Room Support Service</p> <p>Diabetes Nutrition Matters Body Mass Index Health Care Team</p> <p>Stroke Victim Barthel Index Chart in SOAP Format Insurance Materials Management Bid Lipitor and Statin Research</p> <p>West Nile Virus Sedimentation Rate Preparing Slides Cell Behavior Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research</p>	<p>Dentistry Dental Laboratory Technician Dietetics and Nutrition Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Office Receptionist Dental Assistant Central Supply Attendant Biomaterials and Bioengineering</p> <p>Biomedical Research Explore the Power of Information</p> <p>Forensic Medicine What's Your Type? Collecting Fingerprint Data Strong Links Understanding Evidence</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 8: Teamwork	Foundation Standard 9: Health Maintenance Practices
<p>8.2 Team Member Participation</p> <ul style="list-style-type: none"> Motorcycle Crash <li style="padding-left: 20px;">Babinski Test Diabetes <li style="padding-left: 20px;">Body Mass Index Stroke Victim <li style="padding-left: 20px;">Barthel Index <li style="padding-left: 20px;">Clot or Blockage Simulation <li style="padding-left: 20px;">Cardiovascular System West Nile Virus <li style="padding-left: 20px;">Sedimentation Rate <li style="padding-left: 20px;">Spread of Viruses <li style="padding-left: 20px;">Cell Behavior Sports Injury <li style="padding-left: 20px;">Physical Therapy Exercises <li style="padding-left: 20px;">Physical Fitness and Conditioning <li style="padding-left: 20px;">Pain Scale <li style="padding-left: 20px;">Biomedical Engineering 	<p>9.1 Healthy Behaviors</p> <ul style="list-style-type: none"> Motorcycle Crash <li style="padding-left: 20px;">Post-traumatic Stress Disorder Diabetes <li style="padding-left: 20px;">Nutrition Matters <li style="padding-left: 20px;">Body Mass Index <li style="padding-left: 20px;">Health Care Team <li style="padding-left: 20px;">Biohazardous Waste Material Treatment West Nile Virus <li style="padding-left: 20px;">Put on a Gown, Mask and Gloves <li style="padding-left: 20px;">Spread of Viruses <li style="padding-left: 20px;">Cleaning Procedures and Infection Control Sports Injury <li style="padding-left: 20px;">Physical Fitness and Conditioning <li style="padding-left: 20px;">Conditioning Research Biomedical Research <li style="padding-left: 20px;">Germs: The Good, The Bad, The Ugly

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 10: Technical Skills	Foundation Standard 11: Information Technology Applications
<p>10.1 Technical Skills</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Babinski Test Diabetes <ul style="list-style-type: none"> Body Mass Index West Nile Virus <ul style="list-style-type: none"> Put on a Gown, Mask and Gloves Preparing Slides Cleaning Procedures and Infection Control Agglutination Sports Injury <ul style="list-style-type: none"> Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Dentistry <ul style="list-style-type: none"> Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Office Receptionist Dental Assistant Biomaterials and Bioengineering Forensic Medicine <ul style="list-style-type: none"> Collecting Fingerprint Data 	<p>11.1 Health Information Management</p> <ul style="list-style-type: none"> Diabetes <ul style="list-style-type: none"> A1C and Diabetic Control Stroke Victim <ul style="list-style-type: none"> Chart in SOAP Format Insurance Materials Management Bid Dentistry <ul style="list-style-type: none"> Dietetics and Nutrition Dental Office Receptionist Dental Assistant <p>11.2 Information Technology</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Posttraumatic Stress Disorder HIPAA Privacy Act Emergency Room Support Service Brain Anatomy Diabetes <ul style="list-style-type: none"> Nutrition Matters Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research Stroke Victim <ul style="list-style-type: none"> Lipitor and Statin Research West Nile Virus <ul style="list-style-type: none"> Cell Behavior

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH CARE FOUNDATION STANDARDS

HEALTH SCIENCE CAREER CLUSTER KNOWLEDGE AND SKILL STATEMENTS

Foundation Standard 11: Information Technology Applications (cont'd)	Cluster Topic: Academic Foundations
<p>11.2 Information Technology (cont'd)</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology Conditioning Research</p> <p>Dentistry Dietetics and Nutrition</p> <p>Biomedical Research Explore the Power of Information Biomedical Research</p> <p>Forensic Medicine Strong Links Understanding Evidence</p>	<p>Motorcycle Crash Arterial Blood Gases Brain Anatomy</p> <p>Diabetesity Nutrition Matters A1C and Diabetic Control Medical Educator Pancreas and Insulin Research</p> <p>Stroke Victim Clot or Blockage Simulation Cardiovascular System Materials Management Bid Lipitor and Statin Research</p> <p>West Nile Virus Spread of Viruses Cell Behavior Agglutination</p> <p>Sports Injury Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Budget and Resource Planning Biomedical Engineering Conditioning Research</p> <p>Dentistry Dental Laboratory Technician Dietetics and Nutrition Dental Assistant Central Supply Attendant</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH SCIENCE CAREER CLUSTER KNOWLEDGE AND SKILL STATEMENTS

Cluster Topic: Academic Foundations (<i>cont'd</i>)	Cluster Topic: Communications
<p>Biomedical Research Germ: The Good, The Bad, The Ugly DNA Isolation Investigating Blood Biomedical Research</p> <p>Forensic Medicine What's Your Type? Strong Links Understanding Evidence</p>	<p>Motorcycle Crash Posttraumatic Stress Disorder Babinski Test HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetes Diagnostic Lab Tests Medical Educator Health Care Team Pancreas and Insulin Research</p> <p>Stroke Victim Barthel Index Chart in SOAP Format Insurance Materials Management Bid Lipitor and Statin Research</p> <p>West Nile Virus Preparing Slices</p> <p>Sports Injury Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Budget and Resource Planning Conditioning Research</p> <p>Dentistry Pathology Technician Dental Office Receptionist Dental Assistant Biomaterials and Bioengineering</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH SCIENCE CAREER CLUSTER KNOWLEDGE AND SKILL STATEMENTS

Cluster Topic: Communications (cont'd)	Cluster Topic: Problem Solving and Critical Thinking
<p>Biomedical Research Biomedical Research</p> <p>Forensic Science What's Your Type? Diagnosing a Crime Scene Strong Links</p>	<p>Motorcycle Crash Posttraumatic Stress Disorder Babinski Test HIPAA Privacy Act</p> <p>Diabetes Nutrition Matters A1C and Diabetic Control Diagnostic Lab Tests</p> <p>Stroke Victim Materials Management Bid</p> <p>West Nile Virus Sedimentation Rate Preparing Slides Cleaning Procedures and Infection Control Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Budget and Resource Planning Biomedical Engineering</p> <p>Dentistry Dental Laboratory Technician Dietetics and Nutrition Central Supply Attendant</p> <p>Forensic Medicine What's Your Type? Collecting Fingerprint Data Understanding Evidence</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH SCIENCE CAREER CLUSTER KNOWLEDGE AND SKILL STATEMENTS

Cluster Topic: Information Technology Applications	Cluster Topic: Systems
<p>Motorcycle Crash Posttraumatic Stress Disorder HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetesity Nutrition Matters Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Lipitor and Statin Research</p> <p>West Nile Virus Cell Behavior</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology Conditioning Research</p> <p>Dentistry Dietetics and Nutrition</p> <p>Biomedical Research Explore the Power of Information Biomedical Research</p> <p>Forensic Medicine Strong Links Understanding Evidence</p>	<p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases HIPAA Privacy Act</p> <p>Diabetesity A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Health Care Team Pancreas and Insulin Research</p> <p>Stroke Victim Barthel Index Chart in SOAP Format Insurance Materials Management Bid</p> <p>West Nile Virus Sedimentation Rate Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Budget and Resource Planning Conditioning Research</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH SCIENCE CAREER CLUSTER KNOWLEDGE AND SKILL STATEMENTS

Cluster Topic: Systems (cont'd)	Cluster Topic: Safety, Health and Environmental
<p>Dentistry Maxillofacial Prosthodontist, a Dental Specialty Dental Office Receptionist Dental Assistant Central Supply Attendant Biomaterials and Bioengineering</p> <p>Biomedical Research Explore the Power of Information Biomedical Research</p> <p>Forensic Medicine Strong Links Understanding Evidence</p>	<p>Motorcycle Accident Emergency Room Support Service</p> <p>Diabetes Biohazardous Waste Material Treatment</p> <p>Stroke Victim Clot or Blockage Simulation Cardiovascular System</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Agglutination</p> <p>Sports Injury Physical Fitness Exercises Physical Fitness and Conditioning Pain Scale</p> <p>Dentistry Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Biomaterials and Bioengineering Central Supply Attendant</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly</p> <p>Forensic Medicine What's Your Type? Collecting Fingerprint Data</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH SCIENCE CAREER CLUSTER KNOWLEDGE AND SKILL STATEMENTS

Cluster Topic: Leadership and Teamwork	
<ul style="list-style-type: none"> Motorcycle Crash Post-traumatic Stress Disorder Babinski Test HIPAA Privacy Act Emergency Room Support Service Diabetes Nutrition Matters Body Mass Index Health Care Team Stroke Victim Barthel Index Chart in SOAP Format Insurance Materials Management Bid Lipitor and Statin Research West Nile Virus Sedimentation Rate Preparing Slides Cell Behavior Agglutination Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research Dentistry Dental Laboratory Technician Dietetics and Nutrition Maxillofacial Prosthodontist, a Dental Specialty 	<ul style="list-style-type: none"> Pathology Technician Dental Office Receptionist Dental Assistant Central Supply Attendant Biomaterials and Bioengineering Biomedical Research Explore the Power of Information Forensic Medicine What's Your Type? Collecting Fingerprint Data Strong Links Understanding Evidence

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH SCIENCE CAREER CLUSTER KNOWLEDGE AND SKILL STATEMENTS

Cluster Topic: Ethics and Legal Responsibilities	Cluster Topic: Employability and Career Development
<p>Motorcycle Crash Babinski Test HIPAA Privacy Act</p> <p>Diabetes Nutrition Matters Medical Educator Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Chart in SOAP Format</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Cleaning Procedures and Infection Control</p> <p>Sports Injury Physical Therapy Exercises Pain Scale Conditioning Research</p> <p>Dentistry Dental Assistant Central Supply Attendant</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly</p>	<p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabetes Body Mass Index</p> <p>Stroke Victim Cardiovascular Systems Insurance</p> <p>West Nile Virus Sedimentation Rate Preparing Slides Cell Behavior</p> <p>Sports Injury Pain Scale</p> <p>Dentistry Dietetics and Nutrition Maxillofacial Prosthodontist, a Dental Specialty Dental Office Receptionist Biomaterials and Bioengineering</p> <p>Biomedical Research DNA Isolation</p> <p>Forensic Medicine Diagnosing a Crime Scene Collecting Fingerprint Data</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

HEALTH SCIENCE CAREER CLUSTER KNOWLEDGE AND SKILL STATEMENTS

Cluster Topic: Technical Skills	
<p>Motorcycle Crash Babinski Test</p> <p>Diabetes Body Mass Index</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Preparing Slides Cleaning Procedures and Infection Control Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale</p> <p>Dentistry Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Office Receptionist Dental Assistant Biomaterials and Bioengineering</p> <p>Forensic Medicine Collecting Fingerprint Data</p>	

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

LANGUAGE ARTS	
<p>Use the general skills and strategies of the writing process.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases HIPAA Privacy Act Emergency Room Support Services Brain Anatomy</p> <p>Diabetes Body Mass Index Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Barthel Index Clot or Blockage Simulation Cardiovascular System Chart in SOAP Format Insurance Materials Management Bid Lipitor and Statin Research</p> <p>West Nile Virus Sedimentation Rate Preparing Slides Spread of Viruses Cell Behavior Agglutination</p>	<p>Sports Injury Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research</p> <p>Dentistry Dietetics and Nutrition Pathology Technician Dental Office Receptionist Dental Assistant Central Supply Attendant Biomaterials and Bioengineering</p> <p>Forensic Medicine What's Your Type? Collecting Fingerprint Data Strong Links Understanding Evidence</p> <p>Use the stylistic rhetorical aspects of writing.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetes Diagnostic Lab Tests</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

LANGUAGE ARTS (<i>cont'd</i>)	
<p>Stroke Victim Chart in SOAP Format Insurance</p> <p>West Nile Virus Cell Behavior</p> <p>Sports Injury Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research</p> <p>Use grammatical and mechanical conventions in written compositions.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder HIPAA Privacy Act Emergency Room Support Services</p> <p>Diabetes Medical Educator Biohazardous Waste Material Treatment</p> <p>Stroke Victim Chart in SOAP Format Insurance Lipitor and Statin Research</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology Budget and Resource Planning Biomedical Engineering Conditioning Research</p>	<p>Dentistry Pathology Technician Dental Office Receptionist</p> <p>Gather and use information for research purposes.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetes Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Lipitor and Statin Research</p> <p>West Nile Virus Sedimentation Rate Preparing Slides Cell Behavior</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Conditioning Research</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

LANGUAGE ARTS (<i>cont'd</i>)	
<p>Dentistry Dietetics and Nutrition Dental Assistant Central Supply Attendant</p> <p>Biomedical Research Explore the Power of Information Investigating Blood Biomedical Research</p> <p>Forensic Medicine Strong Links Understanding Evidence</p> <p>Use the general skills and strategies of the reading process.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetesity Nutrition Matters Body Mass Index Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas Research</p>	<p>Stroke Victim Barthel Index Chart in SOAP Format Insurance Lipitor and Statin Research</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Preparing Slides Cell Behavior</p> <p>Sports Injury Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Conditioning Research</p> <p>Dentistry Dental Laboratory Technician Dietetics and Nutrition Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Office Receptionist Dental Assistant Central Supply Attendant Biomaterials and Bioengineering</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly DNA Isolation Explore the Power of Information Investigating Blood Biomedical Research</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

LANGUAGE ARTS (<i>cont'd</i>)	
<p>Forensic Medicine What's Your Type? Diagnosing a Crime Scene Collecting Fingerprint Data Understanding Evidence</p> <p>Use reading skills and strategies to understand and interpret a variety of informational texts.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetes Nutrition Matters Body Mass Index Diagnostic Lab Tests Health Care Team Biohazardous Waste Material Treatment Pancreas Research</p> <p>Stroke Victim Insurance Lipitor and Statin Research</p> <p>West Nile Virus Preparing Slides Cell Behavior</p>	<p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Conditioning Research</p> <p>Dentistry Dietetics and Nutrition</p> <p>Biomedical Research Explore the Power of Information Biomedical Research</p> <p>Forensic Medicine Strong Links Understanding Evidence</p> <p>Use listening and speaking strategies for different purposes.</p> <p>Motorcycle Crash Babinski Test</p> <p>Diabetes Nutrition Matters Body Mass Index Medical Educator</p> <p>Stroke Victim Barthel Index Clot or Blockage Simulation Cardiovascular System</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

LANGUAGE ARTS (<i>cont'd</i>)	
<p>West Nile Virus Sedimentation Rate Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Biomedical Engineering</p> <p>Dentistry Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Biomaterials and Bioengineering</p> <p>Biomedical Research DNA Isolation Investigating Blood</p> <p>Forensic Medicine What's Your Type? Diagnosing a Crime Scene Collecting Fingerprint Data</p>	<p>Use viewing skills and strategies to understand and interpret visual media.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder HIPAA Privacy Act Brain Anatomy</p> <p>Diabetes Nutrition Matters</p> <p>Stroke Victim Lipitor and Statin Research</p> <p>West Nile Virus Cell Behavior</p> <p>Dentistry Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Assistant</p> <p>Biomedical Research Explore the Power of Information Investigating Blood</p> <p>Forensic Medicine What's Your Type? Diagramming a Crime Scene Collecting Fingerprint Data</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

LANGUAGE ARTS (<i>cont'd</i>)	MATHEMATICS
<p>Understand the characteristics and components of the media.</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Post-traumatic Stress Disorder HIPAA Privacy Act Brain Anatomy Diabetes <ul style="list-style-type: none"> Nutrition Matters Stroke Victim <ul style="list-style-type: none"> Lipitor and Statin Research West Nile Virus <ul style="list-style-type: none"> Cell Behavior 	<p>Use a variety of strategies in the problem-solving process.</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Arterial Blood Gases Diabetes <ul style="list-style-type: none"> Nutrition Matters Body Mass Index A1C and Diabetic Control Stroke Victim <ul style="list-style-type: none"> Materials Management Bid West Nile Virus <ul style="list-style-type: none"> Sedimentation Rate Spread of Viruses Sports Injury <ul style="list-style-type: none"> Physical Fitness and Conditioning Budget and Resource Planning Biomedical Engineering Dentistry <ul style="list-style-type: none"> Dietetics and Nutrition Biomaterials and Bioengineering Biomedical Research <ul style="list-style-type: none"> Investigating Blood Forensic Medicine <ul style="list-style-type: none"> What's Your Type? Collecting Fingerprint Data

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

MATHEMATICS (<i>cont'd</i>)	
<p>Understand and apply basic and advanced properties of the concepts of numbers.</p> <p>Motorcycle Crash Arterial Blood Gases</p> <p>Diabetes Nutrition Matters Body Mass Index A1C and Diabetic Control</p> <p>Stroke Victim Materials Management Bid</p> <p>West Nile Virus Sedimentation Rate Spread of Viruses</p> <p>Sports Injury Physical Fitness and Conditioning Budget and Resource Planning Biomedical Engineering</p> <p>Dentistry Dietetics and Nutrition Biomaterials and Bioengineering</p> <p>Biomedical Research Explore the Power of Numbers Investigating Blood</p>	<p>Use basic and advanced procedures while performing the processes of computation.</p> <p>Motorcycle Crash Arterial Blood Gases</p> <p>Diabetes Nutrition Matters Body Mass Index A1C and Diabetic Control</p> <p>Stroke Victim Materials Management Bid</p> <p>West Nile Virus Sedimentation Rate Spread of Viruses</p> <p>Sports Injury Physical Fitness and Conditioning Budget and Resource Planning Biomedical Engineering</p> <p>Dentistry Dietetics and Nutrition Biomaterials and Bioengineering</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly Explore the Power of Information</p> <p>Forensic Medicine Collecting Fingerprint Data</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

MATHEMATICS (<i>cont'd</i>)	
<p>Understand and apply basic and advanced properties of the concepts of measurement.</p> <p>Motorcycle Crash Brain Anatomy</p> <p>Diabesity Body Mass Index</p> <p>Stroke Victim Clot or Blockage Simulation Cardiovascular System</p> <p>West Nile Virus Sedimentation Rate Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Biomedical Engineering</p> <p>Dentistry Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Biomaterials and Bioengineering</p> <p>Biomedical Research DNA Isolation Investigating Blood</p>	<p>Understand and apply basic and advanced properties of the concepts of geometry.</p> <p>Motorcycle Crash Brain Anatomy</p> <p>Diabesity Pancreas and Insulin Research</p> <p>Stroke Victim Clot or Blockage Simulation Cardiovascular System</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Preparing Slides Cleaning Procedures and Infection Control Agglutination</p> <p>Sports Injury Physical Therapy Exercises Magnetic Concepts as They Relate to Diagnosing with MRI Technology Conditioning Research</p> <p>Dentistry Dental Laboratory Technician Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician</p> <p>Forensic Medicine Diagnosing a Crime Scene</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

MATHEMATICS (<i>cont'd</i>)	
<p>Understand and apply basic and advanced concepts of statistics and data analysis.</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Arterial Blood Gases Diabetes <ul style="list-style-type: none"> Nutrition Matters A1C and Diabetic Control Stroke Victim <ul style="list-style-type: none"> Materials Management Bid West Nile Virus <ul style="list-style-type: none"> Spread of Viruses Sports Injury <ul style="list-style-type: none"> Budget and Resource Planning Biomedical Engineering Biomedical Research <ul style="list-style-type: none"> Explore the Power of Information Investigating Blood Forensic Medicine <ul style="list-style-type: none"> Collecting Fingerprint Data 	<p>Understand and apply basic and advanced concepts of probability.</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Arterial Blood Gases Diabetes <ul style="list-style-type: none"> A1C and Diabetic Control Stroke Victim <ul style="list-style-type: none"> Materials Management Bid West Nile Virus <ul style="list-style-type: none"> Cell Behavior Biomedical Research <ul style="list-style-type: none"> Explore the Power of Information Forensic Medicine <ul style="list-style-type: none"> Collecting Fingerprint Data

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

MATHEMATICS (<i>cont'd</i>)	
<p>Understand and apply basic and advanced properties of functions and algebra.</p> <p>Motorcycle Crash Arterial Blood Gases</p> <p>Diabetes Nutrition Matters Body Mass Index A1C and Diabetic Control</p> <p>Stroke Victim Materials Management Bid</p> <p>West Nile Virus Spread of Viruses</p> <p>Sports Injury Physical Fitness and Conditioning Budget and Resource Planning Biomedical Engineering</p> <p>Biomedical Research Germ: The Good, The Bad, The Ugly Explore the Power of Information</p> <p>Understand the general nature and uses of mathematics.</p> <p>Motorcycle Crash Arterial Blood Gases Brain Anatomy</p> <p>Diabetes Nutrition Matters Body Mass Index A1C and Diabetic Control</p>	<p>Stroke Victim Materials Management Bid</p> <p>West Nile Virus Sedimentation Rate Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Budget and Resource Planning Biomedical Engineering</p> <p>Dentistry Dental Laboratory Technician Dietetics and Nutrition Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Assistant Biomaterials and Bioengineering</p> <p>Biomedical Research Germ: The Good, The Bad, The Ugly Explore the Power of Information Investigating Blood</p> <p>Forensic Medicine Collecting Fingerprint Data</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

SCIENCE	
<p>Understand the principles of heredity and related concepts.</p> <p>West Nile Virus Cell Behavior</p> <p>Biomedical Research DNA Isolation Explore the Power of Information Investigating Blood Biomedical Research</p> <p>Forensic Medicine What's Your Type? Understanding Evidence</p> <p>Understand the structure and function of cells and organisms.</p> <p>Motorcycle Crash Arterial Blood Gases Babinski Test Brain Anatomy</p> <p>Diabetes A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Clot or Blockage Simulation Cardiovascular System Lipitor and Statin Research</p>	<p>West Nile Virus Sedimentation Rate Preparing Slides Cleaning Procedures and Infection Control Cell Behavior Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Conditioning Research</p> <p>Dentistry Pathology Technician Central Supply Attendant</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly DNA Isolation Explore the Power of Information Investigating Blood Biomedical Research</p> <p>Forensic Medicine What's Your Type? Understanding Evidence</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

SCIENCE (<i>cont'd</i>)	
<p>Understand relationships among organisms and their physical environment.</p> <ul style="list-style-type: none"> Diabetes <ul style="list-style-type: none"> Nutrition Matters A1C and Diabetic Control Biohazardous Waste Material Treatment Stroke Victim <ul style="list-style-type: none"> Cardiovascular System West Nile Virus <ul style="list-style-type: none"> Put on a Gown, Mask and Gloves Sedimentation Rate Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Sports Injury <ul style="list-style-type: none"> Pain Scale Dentistry <ul style="list-style-type: none"> Central Supply Attendant Biomedical Research <ul style="list-style-type: none"> Germes: The Good, The Bad, The Ugly 	<p>Understand biological evolution and the diversity of life.</p> <ul style="list-style-type: none"> West Nile Virus <ul style="list-style-type: none"> Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Dentistry <ul style="list-style-type: none"> Pathology Technician Central Supply Attendant Biomedical Research <ul style="list-style-type: none"> Germes: The Good, The Bad, The Ugly DNA Isolation Explore the Power of Information Forensic Medicine <ul style="list-style-type: none"> What's Your Type? Understanding Evidence <p>Understand the structure and properties of matter.</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Arterial Blood Gases Diabetes <ul style="list-style-type: none"> A1C and Diabetic Control Biohazardous Waste Material Treatment Stroke Victim <ul style="list-style-type: none"> Clot or Blockage Simulation Lipitor and Statin Research

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

SCIENCE (<i>cont'd</i>)	
<p>West Nile Virus Sedimentation Rate Preparing Slides Cleaning Procedures and Infection Control Agglutination</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology</p> <p>Dentistry Biomaterials and Bioengineering</p> <p>Understand the sources and properties of energy.</p> <p>Diabetes Nutrition Matters A1C and Diabetic Control</p> <p>Stroke Victim Clot or Blockage Simulation</p> <p>West Nile Virus Agglutination</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale</p> <p>Understand forces and motion.</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology</p>	<p>Understand the nature of scientific knowledge.</p> <p>Motorcycle Crash Arterial Blood Gases Brain Anatomy</p> <p>Diabetes Nutrition Matters Body Mass Index A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Cardiovascular System Lipitor and Statin Research</p> <p>West Nile Virus Sedimentation Rate Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination</p> <p>Sports Injury Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Biomedical Engineering Conditioning Research</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

SCIENCE (cont'd)	
<p>Dentistry Dietetics and Nutrition Dental Assistant Central Supply Attendant Biomaterials and Bioengineering</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly DNA Isolation Explore the Power of Information Investigating Blood Biomedical Research</p> <p>Forensic Medicine What's Your Type?</p> <p>Understand the nature of scientific inquiry.</p> <p>Motorcycle Crash Arterial Blood Gases Brain Anatomy</p> <p>Diabetesity A1C and Diabetic Control Diagnostic Lab Tests Pancreas and Insulin Research</p> <p>Stroke Victim Clot or Blockage Simulation Lipitor and Statin Research</p> <p>West Nile Virus Sedimentation Rate Cleaning Procedures and Infection Control Cell Behavior Agglutination</p>	<p>Dentistry Biomaterials and Bioengineering</p> <p>Biomedical Research Biomedical Research</p> <p>Forensic Medicine What's Your Type? Collecting Fingerprint Data</p> <p>Understand the scientific enterprise.</p> <p>Motorcycle Crash Brain Anatomy</p> <p>Diabetesity Nutrition Matters Pancreas and Insulin Research</p> <p>Stroke Victim Lipitor and Statin Research</p> <p>West Nile Virus Cell Behavior Agglutination</p> <p>Sports Injury Biomedical Engineering Conditioning Research</p> <p>Dentistry Biomaterials and Bioengineering</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

SCIENCE (<i>cont'd</i>)	SOCIAL STUDIES
<p>Biomedical Research Explore the Power of Information Biomedical Research</p> <p>Forensic Medicine Understanding Evidence</p>	<p>Historical Understanding</p> <p>Understand and know how to analyze chronological relationships and patterns.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder</p> <p>West Nile Virus Cell Behavior Preparing Slides</p> <p>Sports Injury Conditioning Research</p> <p>Dentistry Biomaterials and Bioengineering</p> <p>Biomedical Research Explore the Power of Information</p> <p>Understand the historical perspective.</p> <p>West Nile Virus Cell Behavior Preparing Slides</p> <p>Sports Injury Conditioning Research</p> <p>Dentistry Biomaterials and Bioengineering</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

SOCIAL STUDIES (cont'd)	
<p>Biomedical Research Explore the Power of Information Biomedical Research</p> <p>Forensic Medicine Understanding Evidence</p> <p>United States History</p> <p>Understand economic, social and cultural developments in the contemporary United States.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabetes Nutrition Matters Body Mass Index Biohazardous Waste Material Treatment</p> <p>Stroke Victim Insurance</p> <p>Sports Injury Physical Fitness and Conditioning Budget and Resource Planning</p> <p>Dentistry Dental Office Receptionist Biomaterials and Bioengineering</p> <p>Biomedical Research DNA Isolation Explore the Power of Information Biomedical Research</p>	<p>Forensic Medicine Collecting Fingerprint Data Understanding Evidence</p> <p>World History</p> <p>Understand major global trends since World War II.</p> <p>West Nile Virus Spread of Viruses</p> <p>Civics</p> <p>Understand ideas about civic life, politics and government.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabetes Biohazardous Waste Material Treatment</p> <p>Stroke Victim Insurance</p> <p>Forensic Medicine Forensic Psychology Collect Evidence A Web Quest Through the Crime Scene</p> <p>Dentistry Dental Office Receptionist</p> <p>Biomedical Research Explore the Power of Information Biomedical Research</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

SOCIAL STUDIES (cont'd)	
<p>Forensic Medicine Collecting Fingerprint Data</p> <p>Understand the essential characteristics of limited and unlimited governments.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabetes Body Mass Index Biohazardous Waste Material Treatment</p> <p>Stroke Victim Insurance</p> <p>West Nile Virus Spread of Viruses Cleaning Procedures and Infection control</p> <p>Sports Injury Biomedical Engineering</p> <p>Understand the sources, purposes and functions of law and the importance of the rule of law for the protection of individual rights and the common good.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabetes Body Mass Index Biohazardous Waste Material Treatment</p> <p>Stroke Victim Insurance</p>	<p>West Nile Virus Spread of Viruses Cleaning Procedures and Infection Control</p> <p>Sports Injury Biomedical Engineering</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly Investigating Blood Biomedical Research</p> <p>Forensic Medicine Diagnosing a Crime Scene Collecting Fingerprint Data Strong Links Understanding Evidence</p> <p>Understand the importance of Americans sharing and supporting certain values, beliefs and principles of American constitutional democracy.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabetes Biohazardous Waste Material Treatment</p> <p>Stroke Victim Insurance</p> <p>West Nile Virus Spread of Viruses Cleaning Procedures and Infection Control</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

SOCIAL STUDIES (cont'd)	
<p>Biomedical Research Explore the Power of Information Biomedical Research</p> <p>Forensic Medicine Strong Links Understanding Evidence</p> <p>Understand the character of American political and social conflict and factors that tend to prevent or lower its intensity.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Stroke Victim Insurance</p> <p>Dentistry Dental Office Receptionist</p> <p>Understand issues concerning the disparities between ideals and reality in American political and social life.</p> <p>Stroke Victim Insurance</p> <p>Dentistry Dental Office Receptionist</p> <p>Biomedical Research Explore the Power of Information</p>	<p>Understand the role and importance of law in the American constitutional system and issues regarding the judicial protection of individual rights.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Forensic Medicine Diagnosing a Crime Scene Collecting Fingerprint Data Strong Links Understanding Evidence</p> <p>Understand issues regarding personal, political and economic rights.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Dentistry Dental Office Receptionist</p> <p>Understand issues regarding the proper scope and limits of rights and the relationships among personal, political and economic rights.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Dentistry Dental Office Receptionist</p> <p>Forensic Medicine Collecting Fingerprint Data Strong Links Understanding Evidence</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

SOCIAL STUDIES (cont'd)	
<p>Understand how certain character traits enhance citizens' ability to fulfill personal and civic responsibilities.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder</p> <p>Diabetes Health Care Team</p> <p>Economics</p> <p>Understand that scarcity of productive resources requires choices that generate opportunity costs.</p> <p>Stroke Victim Insurance Materials Management Bid</p> <p>Sports Injury Budget and Resource Planning</p> <p>Dentistry Biomaterials and Bioengineering</p> <p>Biomedical Research Biomedical Research</p> <p>Understand the concept of prices and the interaction of supply and demand in a market economy.</p> <p>Stroke Victim Insurance Materials Management Bid</p>	<p>Sports Injury Budget and Resource Planning</p> <p>Dentistry Biomaterials and Bioengineering</p> <p>Biomedical Research Biomedical Research</p> <p>Geography</p> <p>Understand the characteristics and uses of maps, globes and other geographic tools and technologies.</p> <p>West Nile Virus Cell Behavior</p> <p>Performance Assessment</p> <p>Know the location of places, geographic features and patterns of the environment.</p> <p>West Nile Virus Cell Behavior</p> <p>Performance Assessment</p> <p>Understand the physical and human characteristics of place.</p> <p>West Nile Virus Cell Behavior</p> <p>Performance Assessment</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

HEALTH	
<p>Know the availability and effective use of health services, products and information.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases Babinski Test Emergency Room Support Service Brain Anatomy</p> <p>Diabetes Nutrition Matters Body Mass Index A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Barthel Index Clot or Blockage Simulation Cardiovascular System Chart in SOAP Format Insurance Materials Management Bid Lipitor and Statin Research</p>	<p>West Nile Virus Put on a Gown, Mask and Gloves Sedimentation Rate Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research</p> <p>Dentistry Dental Laboratory Technician Dietetics and Nutrition Maxillofacial Prosthodontist, a Dental Specialty Pathology Technician Dental Office Receptionist Dental Assistant Central Supply Attendant Biomaterials and Bioengineering</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly DNA Isolation Explore the Power of Information Investigating Blood Biomedical Research</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

HEALTH (<i>cont'd</i>)	
<p>Forensic Medicine What's Your Type? Understanding Evidence</p> <p>Know environmental and external factors that affect individual and community health.</p> <p>Diabetes Biohazardous Waste Material Treatment</p> <p>Stroke Victim Insurance</p> <p>West Nile Virus Spread of Viruses Cleaning Procedures and Infection Control</p> <p>Dentistry Central Supply Attendant</p> <p>Biomedical Research Germs: The Good, The Bad, The Ugly</p> <p>Understand the relationship of family health to individual health.</p> <p>Diabetes Health Care Team Pancreas and Insulin Research</p> <p>Biomedical Research DNA Isolation Explore the Power of Information Biomedical Research</p>	<p>Know how to maintain mental and emotional health.</p> <p>Motorcycle Crash Post-Traumatic Stress Disorder</p> <p>Diabetes Nutrition Matters Health Care Team</p> <p>Know essential concepts and practices concerning injury prevention and safety.</p> <p>Motorcycle Crash Brain Anatomy</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Conditioning Research</p> <p>Understand essential concepts about nutrition and diet.</p> <p>Diabetes Nutrition Matters Body Mass Index A1C and Diabetic Control Medical Educator Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Dentistry Dietetics and Nutrition</p>

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

HEALTH (<i>cont'd</i>)	PHYSICAL EDUCATION
<p>Know how to maintain and promote personal health.</p> <ul style="list-style-type: none"> Diabetes <ul style="list-style-type: none"> Nutrition Matters Body Mass Index A1C and Diabetic Control Medical Educator West Nile Virus <ul style="list-style-type: none"> Cleaning Procedures and Infection Control Sports Injury <ul style="list-style-type: none"> Physical Fitness and Conditioning Conditioning Research <p>Know essential concepts about the prevention and control of disease.</p> <ul style="list-style-type: none"> West Nile Virus <ul style="list-style-type: none"> Put on a Gown, Mask and Gloves Spread of Viruses Cleaning Procedures and Infection Control Dentistry <ul style="list-style-type: none"> Central Supply Attendant Biomedical Research <ul style="list-style-type: none"> Germs: The Good, The Bad, The Ugly <p>Understand aspects of substance use and abuse.</p> <ul style="list-style-type: none"> Sports Injury <ul style="list-style-type: none"> Conditioning Research 	<p>Understand the benefits and costs associated with participation in physical activity.</p> <ul style="list-style-type: none"> Diabetes <ul style="list-style-type: none"> Medical Educator Sports Injury <ul style="list-style-type: none"> Physical Fitness and Conditioning Conditioning Research <p>Understand how to monitor and maintain a health-enhancing level of physical fitness.</p> <ul style="list-style-type: none"> Sports Injury <ul style="list-style-type: none"> Physical Fitness and Conditioning <p>Understand the social and personal responsibility associated with participation in physical activity.</p> <ul style="list-style-type: none"> Diabetes <ul style="list-style-type: none"> Medical Educator Sports Injury <ul style="list-style-type: none"> Physical Fitness and Conditioning Conditioning Research

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
Aligned with American Careers Health Careers Program, Volume 3**

MCCREL CONTENT STANDARDS

TECHNOLOGY	
<p>Know the characteristics and uses of computer hardware and operating systems.</p> <ul style="list-style-type: none"> West Nile Virus Preparing Slides Cell Behavior <p>Sports Injury</p> <ul style="list-style-type: none"> Magnetic Concepts as They Relate to Diagnosing with MRI Technology <p>Know the characteristics and uses of computer software programs.</p> <ul style="list-style-type: none"> Motorcycle Crash Post-traumatic Stress Disorder Brain Anatomy <p>Diabetes</p> <ul style="list-style-type: none"> Nutrition Matters Diagnostic Lab Tests Medical Educator Biohazardous Waste Material Treatment Pancreas and Insulin Research <p>Stroke Victim</p> <ul style="list-style-type: none"> Materials Management Bid Lipitor and Statin Research <p>West Nile Virus</p> <ul style="list-style-type: none"> Cell Behavior 	<ul style="list-style-type: none"> Sports Injury Budget and Resource Planning Conditioning Research <p>Biomedical Research</p> <ul style="list-style-type: none"> Explore the Power of Information <p>Understand the relationships among science, technology, society and the individual.</p> <ul style="list-style-type: none"> Motorcycle Crash Arterial Blood Gases Emergency Room Support Service Brain Anatomy <p>Diabetes</p> <ul style="list-style-type: none"> A1C and Diabetic Control Diagnostic Lab Tests Medical Education Biohazardous Waste Material Treatment Pancreas and Insulin Research <p>Stroke Victim</p> <ul style="list-style-type: none"> Materials Management Bid Lipitor and Statin Research <p>West Nile Virus</p> <ul style="list-style-type: none"> Sedimentation Rate Preparing Slides Cleaning Procedures and Infection Control Cell Behavior Agglutination

**National Health Care Foundation Standards
Health Science Career Cluster Knowledge and Skill Statements and MCCREL Content Knowledge Standards
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MCCREL CONTENT STANDARDS

TECHNOLOGY (cont'd)	
<p>Sports Injury Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Budget Resource and Resource Planning Biomedical Engineering Conditioning Research</p> <p>Dentistry Biomaterials and Bioengineering</p> <p>Biomedical Research Explore the Power of Information Biomedical Research</p> <p>Forensic Medicine What's Your Type? Collecting Fingerprint Data Understanding Evidence</p> <p>Understand the nature and operation of systems.</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology Biomedical Engineering</p> <p>Understand the nature and uses of different forms of technology.</p> <p>Motorcycle Crash Emergency Room Support Service</p> <p>West Nile Virus Preparing Slides Cell Behavior</p>	<p>Sports Injury Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Biomedical Engineering Conditioning Research</p>