

**National Health Care Foundation Standards and
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American Careers Health Careers Planner – Volume 1**

HEALTH CARE FOUNDATION STANDARDS

Foundation Standard 1: Academic Foundation	
<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>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> <p>West Nile Virus Sedimentation Rate Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination</p> <p align="right"><i>(continued)</i></p>

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Foundation Standard I: Academic Foundation <i>(continued)</i>	Foundation Standard 2: Communications
<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>2.1 Oral Communications Skills</p> <p>Motorcycle Crash Arterial Blood Gases Babinski Test HIPAA Privacy Act Emergency Room Support Service</p> <p>Diabesity Nutrition Matters Body Mass Index Medical Educator</p> <p>Stroke Victim Barthel Index Clot or Blockage Simulation Cardiovascular System Lipitor and Statin Research</p> <p>West Nile Virus Sedimentation Rate Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research</p>

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Foundation Standard 2: Communications <i>(continued)</i>	
<p>2.2 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>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 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 Budget and Resource Planning Biomedical Engineering Conditioning Research</p>

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Foundation Standard 3: Systems	
<p>3.1 Systems Theory</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases Babinski Test HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetesity 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</p>	<p>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>3.2 Health Care Delivery System</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</p> <p align="right"><i>(continued)</i></p>

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Foundation Standard 3: Systems <i>(continued)</i>	Foundation Standard 4: Employability Skills
<p>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> <p>3.4 System Change</p> <p>Motorcycle Crash HIPAA Privacy Act Brain Anatomy</p> <p>Diabetesity Nutrition Matters Body Mass Index Pancreas and Insulin Research</p> <p>Stroke Victim Insurance Materials Management Bid Lipitor and Statin Research</p> <p>West Nile Virus Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior</p> <p>Sports Injury Physical Fitness and Conditioning Budget and Resource Planning Biomedical Engineering Conditioning Research</p>	<p>4.1 Key Employability Skills</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases Babinski Test HIPAA Privacy Act Brain Anatomy</p> <p>Diabetesity 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 Chart in SOAP Format 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 style="text-align: right;"><i>(continued)</i></p>

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Foundation Standard 4: Employability Skills <i>(continued)</i>	
<p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research</p> <p>4.2 Interpersonal Communications</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Arterial Blood Gases Babinski Test HIPAA Privacy Act Emergency Room Support Service Brain Anatomy</p> <p>Diabetesity 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</p>	<p>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>4.3 Personal Growth and Development</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabetesity Body Mass Index</p> <p>West Nile Virus Cleaning Procedures and Infection Control</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale</p> <p>4.4 Career Decision-Making</p> <p>General Attitude Survey</p> <p>Performance Assessment</p>

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Foundation Standard 5: Legal Responsibilities	Foundation Standard 6: Ethics
<p>5.1 Legal Implications</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> HIPAA Privacy Act Diabetesity <ul style="list-style-type: none"> Biohazardous Waste Materials Stroke Victim <ul style="list-style-type: none"> Chart in SOAP Format Sports Injury <ul style="list-style-type: none"> Physical Therapy Exercises Biomedical Engineering <p>5.2 Legal Practices</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> HIPAA Privacy Act Diabetesity <ul style="list-style-type: none"> Biohazardous Waste Materials Stroke Victim <ul style="list-style-type: none"> Chart in SOAP Format Sports Injury <ul style="list-style-type: none"> Physical Therapy Exercises Biomedical Engineering 	<p>6.1 Legal and Ethical Boundaries</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> HIPAA Privacy Act Diabetesity <ul style="list-style-type: none"> Body Mass Index Biohazardous Waste Material Treatment Stroke Victim <ul style="list-style-type: none"> Chart in SOAP Format Insurance West Nile Virus <ul style="list-style-type: none"> Put on a Gown, Mask and Gloves Cleaning Procedures and Infection Control Sports Injury <ul style="list-style-type: none"> Pain Scale <p>6.2 Ethical Practice</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Babinski Test HIPAA Privacy Act Diabetesity <ul style="list-style-type: none"> Body Mass Index Stroke Victim <ul style="list-style-type: none"> Barthel Index Insurance Materials Management Bid <p align="right"><i>(continued)</i></p>

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Foundation Standard 6: Ethics <i>(continued)</i>	Foundation Standard 7: Safety Practices
<p>West Nile Virus Put on a Gown, Mask and Gloves Cleaning Procedures and Infection Control</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale</p>	<p>7.1 Infection Control</p> <p>Diabetesity Biohazardous Waste Material Treatment</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Preparing Slides Spread of Viruses Cleaning Procedures and Infection Control</p> <p>7.2 Personal Safety</p> <p>Stroke Victim Clot or Blockage Simulation Cardiovascular System</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Cleaning Procedures and Infection Control Agglutination</p> <p>Sports Injury Physical Fitness and Conditioning Pain Scale</p> <p>7.3 Environmental Safety</p> <p>Diabetesity Biohazardous Waste Material Treatment</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Cleaning Procedures and Infection Control</p> <p align="right"><i>(continued)</i></p>

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Foundation Standard 7: Safety Practices <i>(continued)</i>	Foundation Standard 8: Teamwork
<p>7.4 Common Safety Hazards</p> <ul style="list-style-type: none"> Diabesity <ul style="list-style-type: none"> Biohazardous Waste Material Treatment 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 Spread of Viruses Cleaning Procedures and Infection Control 	<p>8.1 Health Care Teams</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Post-traumatic Stress Disorder Babinski Test HIPAA Privacy Act Emergency Room Support Service Diabesity <ul style="list-style-type: none"> Nutrition Matters Body Mass Index Health Care Team Stroke Victim <ul style="list-style-type: none"> Insurance Materials Management Bid Lipitor and Statin Research West Nile Virus <ul style="list-style-type: none"> Sedimentation Rate Preparing Slides Cell Behavior Agglutination Sports Injury <ul style="list-style-type: none"> Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Budget and Resource Planning Biomedical Engineering Conditioning Research <p>8.2 Team Member Participation</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Babinski Test

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Foundation Standard 8: Teamwork <i>(continued)</i>	Foundation Standard 9: Health Maintenance Practices
<p>Diabesity Body Mass Index</p> <p>Stroke Victim Barthel Index Clot or Blockage Simulation Cardiovascular System</p> <p>West Nile Virus Sedimentation Rate Spread of Viruses Cell Behavior</p> <p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Biomedical Engineering</p>	<p>9.1 Healthy Behaviors</p> <p>Motorcycle Crash Post-traumatic Stress Disorder</p> <p>Diabesity Nutrition Matters Body Mass Index Health Care Team</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 Fitness and Conditioning Conditioning Research</p>

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Foundation Standard 10: Technical Skills	Foundation Standard 11: Information Technology Applications
<p>10.1 Occupational Safety</p> <ul style="list-style-type: none"> Diabetesity <ul style="list-style-type: none"> Biohazardous Waste Material Treatment 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 Sports Injury <ul style="list-style-type: none"> Biomedical Engineering 	<p>11.1 Communication Technology</p> <ul style="list-style-type: none"> Motorcycle Crash <ul style="list-style-type: none"> Post-traumatic Stress Disorder HIPAA Privacy Act Brain Anatomy Diabetesity <ul style="list-style-type: none"> Nutrition Matters Body Mass Index Diagnostic Lab Tests Health Care Team Biohazardous Waste Material Treatment Pancreas and Insulin Research Stroke Victim <ul style="list-style-type: none"> Insurance Lipitor and Statin Research West Nile Virus <ul style="list-style-type: none"> Cell Behavior Sports Injury <ul style="list-style-type: none"> Physical Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale

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LANGUAGE ARTS	
<p>1. 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>Diabetesity 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>2. 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>Diabetesity Diagnostic Lab Tests</p> <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 style="text-align: right;"><i>(continued)</i></p>

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LANGUAGE ARTS <i>(continued)</i>	
<p>3. 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>Diabetesity 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>4. 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>Diabetesity Diagnostic Lab Tests Medical Educator</p>	<p>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> <p>5. 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>
	<i>(continued)</i>

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LANGUAGE ARTS <i>(continued)</i>	
<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>7. 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>Diabetesity 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>8. Use listening and speaking strategies for different purposes.</p> <p>Motorcycle Crash Babinski Test</p> <p>Diabetesity Nutrition Matters Body Mass Index Medical Educator</p> <p>Stroke Victim Barthel Index Clot or Blockage Simulation Cardiovascular System</p> <p>West Nile Virus Sedimentation Rate Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior Agglutination</p> <p style="text-align: right;"><i>(continued)</i></p>

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LANGUAGE ARTS <i>(continued)</i>	MATHEMATICS
<p>Sports Injury Physical Therapy Exercises Physical Fitness and Conditioning Pain Scale Biomedical Engineering</p> <p>9 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>Diabetesity Nutrition Matters</p> <p>Stroke Victim Lipitor and Statin Research</p> <p>West Nile Virus Cell Behavior</p> <p>10. Understand the characteristics and components of the media.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder HIPAA Privacy Act Brain Anatomy</p> <p>Diabetesity Nutrition Matters</p> <p>Stroke Victim Lipitor and Statin Research</p> <p>West Nile Virus Cell Behavior</p>	<p>1. Use a variety of strategies in the problem-solving process.</p> <p>Motorcycle Crash Arterial Blood Gases</p> <p>Diabetesity 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>2. Understand and apply basic and advanced properties of the concepts of numbers.</p> <p>Motorcycle Crash Arterial Blood Gases</p> <p>Diabetesity Nutrition Matters Body Mass Index A1C and Diabetic Control</p> <p>Stroke Victim Materials Management Bid</p> <p style="text-align: right;"><i>(continued)</i></p>

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MATHEMATICS <i>(continued)</i>	
<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>3. Use basic and advanced procedures while performing the processes of computation.</p> <p>Motorcycle Crash Arterial Blood Gases</p> <p>Diabetesity 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>4. Understand and apply basic and advanced properties of the concepts of measurement.</p> <p>Motorcycle Crash Brain Anatomy</p> <p>Diabetesity 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>5. Understand and apply basic and advanced properties of the concepts of geometry.</p> <p>Motorcycle Crash Brain Anatomy</p> <p>Diabetesity Pancreas and Insulin Research</p> <p align="right"><i>(continued)</i></p>

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MATHEMATICS <i>(continued)</i>	
<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>6. Understand and apply basic and advanced concepts of statistics and data analysis.</p> <p>Motorcycle Crash Arterial Blood Gases</p> <p>Diabetes Nutrition Matters A1C and Diabetic Control</p> <p>Stroke Victim Materials Management Bid</p> <p>West Nile Virus Spread of Viruses</p> <p>Sports Injury Budget and Resource Planning Biomedical Engineering</p>	<p>7. Understand and apply basic and advanced concepts of probability.</p> <p>Motorcycle Crash Arterial Blood Gases</p> <p>Diabetes A1C and Diabetic Control</p> <p>Stroke Victim Materials Management Bid</p> <p>West Nile Virus Cell Behavior</p> <p>8. 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 style="text-align: right;"><i>(continued)</i></p>

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MATHEMATICS <i>(continued)</i>	SCIENCE
<p>9. Understand the general nature and uses of mathematics.</p> <p>Motorcycle Crash Arterial Blood Gases Brain Anatomy</p> <p>Diabesity 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>4. Understand the principles of heredity and related concepts.</p> <p>West Nile Virus Cell Behavior</p> <p>5. Understand the structure and function of cells and organisms.</p> <p>Motorcycle Crash Arterial Blood Gases Babinski Test Brain Anatomy</p> <p>Diabesity 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>

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SCIENCE <i>(continued)</i>	
<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>6. Understand relationships among organisms and their physical environment.</p> <p>Diabetesity Nutrition Matters A1C and Diabetic Control Biohazardous Waste Material Treatment</p> <p>Stroke Victim Cardiovascular System</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Sedimentation Rate Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior</p> <p>Sports Injury Pain Scale</p> <p>7. Understand biological evolution and the diversity of life.</p> <p>West Nile Virus Spread of Viruses Cleaning Procedures and Infection Control Cell Behavior</p> <p>8. Understand the structure and properties of matter.</p>	<p>Motorcycle Crash Arterial Blood Gases</p> <p>Diabetesity A1C and Diabetic Control Biohazardous Waste Material Treatment</p> <p>Stroke Victim Clot or Blockage Simulation Lipitor and Statin Research</p> <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>9. Understand the sources and properties of energy.</p> <p>Diabetesity Nutrition Matters A1C and Diabetic Control</p> <p>Stroke Victim Clot or Blockage Simulation</p> <p>West Nile Virus Agglutination</p> <p style="text-align: right;"><i>(continued)</i></p>

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<p>SCIENCE <i>(continued)</i></p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology Pain Scale</p> <p>10. Understand forces and motion.</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology</p> <p>11. Understand the nature of scientific knowledge.</p> <p>Motorcycle Crash Arterial Blood Gases Brain Anatomy</p> <p>Diabetesity 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> <p>12. 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>13. Understand the scientific enterprise.</p> <p>Motorcycle Crash Brain Anatomy</p> <p style="text-align: right;"><i>(continued)</i></p>
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SCIENCE <i>(continued)</i>	SOCIAL STUDIES
<p>Diabesity 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>Historical Understanding</p> <p>1. 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>2. Understand the historical perspective.</p> <p>West Nile Virus Cell Behavior Preparing Slides</p> <p>Sports Injury Conditioning Research</p> <p>United States History</p> <p>31. Understand economic, social and cultural developments in the contemporary United States.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>Diabesity Nutrition Matters Body Mass Index Biohazardous Waste Material Treatment Stroke Victim</p> <p style="text-align: right;"><i>(continued)</i></p>

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<p>SOCIAL STUDIES <i>(continued)</i></p> <p>Insurance</p> <p>Sports Injury Physical Fitness and Conditioning Budget and Resource Planning</p> <p>World History</p> <p>45. Understand major global trends since World War II.</p> <p>West Nile Virus Spread of Viruses</p> <p>Civics</p> <p>1. 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>2. 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>3. 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 style="text-align: right;"><i>(continued)</i></p>
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SOCIAL STUDIES <i>(continued)</i>	
<p>9. 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>Diabetesity Biohazardous Waste Material Treatment</p> <p>Stroke Victim Insurance</p> <p>West Nile Virus Spread of Viruses Cleaning Procedures and Infection Control</p> <p>13. 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>14. Understand issues concerning the disparities between ideals and reality in American political and social life.</p> <p>Stroke Victim Insurance</p>	<p>18. 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>25. Understand issues regarding personal, political and economic rights.</p> <p>Motorcycle Crash HIPAA Privacy Act</p> <p>26. 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>27. Understand how certain character traits enhance citizens' ability to fulfill personal and civic responsibilities.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder</p> <p>Diabetesity Health Care Team</p> <p>Economics</p> <p>1. Understand that scarcity of productive resources requires choices that generate opportunity costs.</p> <p>Stroke Victim Insurance Materials Management Bid</p> <p style="text-align: right;"><i>(continued)</i></p>

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SOCIAL STUDIES <i>(continued)</i>	HEALTH
<p>Sports Injury Budget and Resource Planning</p> <p>3. 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>Geography</p> <p>1. 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>2. 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>4. Understand the physical and human characteristics of place.</p> <p>West Nile Virus Cell Behavior</p> <p>Performance Assessment</p>	<p>1. 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>Diabetesity 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 style="text-align: right;"><i>(continued)</i></p>

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HEALTH <i>(continued)</i>	
<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>2. 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>3. Understand the relationship of family health to individual health.</p> <p>Diabetes Health Care Team Pancreas and Insulin Research</p> <p>4. 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>5. 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>6. 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>7. Know how to maintain and promote personal health.</p> <p>Diabetes Nutrition Matters Body Mass Index A1C and Diabetic Control Medical Educator</p> <p>West Nile Virus Cleaning Procedures and Infection Control</p> <p style="text-align: right;"><i>(continued)</i></p>

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HEALTH <i>(continued)</i>	PHYSICAL EDUCATION
<p>Sports Injury Physical Fitness and Conditioning Conditioning Research</p> <p>8. Know essential concepts about the prevention and control of disease.</p> <p>West Nile Virus Put on a Gown, Mask and Gloves Spread of Viruses Cleaning Procedures and Infection Control</p> <p>9. Understand aspects of substance use and abuse.</p> <p>Sports Injury Conditioning Research</p>	<p>3. Understand the benefits and costs associated with participation in physical activity.</p> <p>Diabetes Medical Educator</p> <p>Sports Injury Physical Fitness and Conditioning Conditioning Research</p> <p>4. Understand how to monitor and maintain a health-enhancing level of physical fitness.</p> <p>Sports Injury Physical Fitness and Conditioning</p> <p>5. Understand the social and personal responsibility associated with participation in physical activity.</p> <p>Diabetes Medical Educator</p> <p>Sports Injury Physical Fitness and Conditioning Conditioning Research</p>

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TECHNOLOGY	
<p>1. Know the characteristics and uses of computer hardware and operating systems.</p> <p>West Nile Virus Preparing Slides Cell Behavior</p> <p>Sports Injury Magnetic Concepts as They Relate to Diagnosing with MRI Technology</p> <p>2. Know the characteristics and uses of computer software programs.</p> <p>Motorcycle Crash Post-traumatic Stress Disorder Brain Anatomy</p> <p>Diabetesity Nutrition Matters Diagnostic Lab Tests Medical Educator Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Materials Management Bid Lipitor and Statin Research</p> <p>West Nile Virus Cell Behavior</p> <p>Sports Injury Budget and Resource Planning Conditioning Research</p>	<p>3. Understand the relationships among science, technology, society and the individual.</p> <p>Motorcycle Crash Arterial Blood Gases Emergency Room Support Service Brain Anatomy</p> <p>Diabetesity A1C and Diabetic Control Diagnostic Lab Tests Medical Educator Biohazardous Waste Material Treatment Pancreas and Insulin Research</p> <p>Stroke Victim Materials Management Bid 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 Fitness and Conditioning Magnetic Concepts as They Relate to Diagnosing with MRI Technology Budget Resource and Resource Planning Biomedical Engineering Conditioning Research</p> <p style="text-align: right;"><i>(continued)</i></p>

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TECHNOLOGY <i>(continued)</i>	
<p>5. 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>6. 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>	