



**Dental Assisting/Assistant, Classification of Instructional Program (CIP) 51.0601
Units of Instruction and Task Grid Linked to Pennsylvania Core Standards**

Secondary Competency Task Grid with Unit and Task Numbers	Common Career Technical Core Standards	Pennsylvania Core Standards for Reading for Technical Subjects Standard 3.5	Pennsylvania Core Standards for Writing for Technical Subjects Standard 3.6	Pennsylvania Core Standards for Mathematics Standard 2.1
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100 INTRODUCTION TO DENTAL ASSISTING.				
101 Identify career: role, function, obligations, and limitations of the dental care provider as a member of the dental team. 102 Define dental related terms and abbreviations. 103 Practice appropriate personal hygiene, dress practices, personal qualities/characteristics.	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including</p>	

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		<p>Compare and contrast findings presented in a text to those from other sources, etc...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 11-12 Standard CC.3.5.11-12.G. Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.</p> <p>Standard CC.3.5.11-12.H. Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.</p> <p>Standard CC.3.5.11-12.I. Synthesize information from a range of sources into a coherent understanding.</p> <p>RANGE OF READING GRADES 9-10 and 11-12 Standard CC.3.5.9-10.J AND Standard CC.3.5.11-12.J. By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p>significant for a specific purpose and audience.</p> <p>Standard CC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>RESEARCH GRADES 9-10 Standard CC.3.6.9-10.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.9-10.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.9-10.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RESEARCH GRADES 11-12 Standard CC.3.6.11-12.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.11-12.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.11-12.H. Draw evidence from informational texts to</p>	
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			<p>support analysis, reflection, and research.</p> <p>RANGE OF WRITING GRADES 9-12</p> <p>Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I.</p> <p>Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	
200 PRINCIPLES OF INFECTION CONTROL.				
<p>201 Wash hands and follow gloving procedures.</p> <p>202 RESERVED</p> <p>203 Prepare and bag/wrap instruments for sterilization.</p> <p>204 Use and care for ultrasonic cleaner.</p> <p>205 Use chemicals to sterilize and disinfect instruments.</p> <p>206 Sterilize instruments using autoclave and maintain equipment.</p> <p>207 Perform disinfection and sterilization procedures on dental equipment.</p> <p>208 Practice OSHA regulations with respect to dental occupations.</p> <p>209 Use Safety Data Sheets (SDS) sheets and label appropriate materials.</p> <p>210 Dispose of sharps, infectious and hazardous wastes.</p> <p>211 Maintain evacuation system.</p> <p>212 Maintain dental handpieces.</p> <p>213 Use infection control procedures to send/receive dental laboratory items.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D.</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING</p>	

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300 SAFETY AND EMERGENCY PROCEDURES.				
<p>301 Practice general/personal safety standards/precautions.</p> <p>302 Practice proper body mechanics.</p> <p>303 Perform CPR/AED procedures.</p> <p>304 Prepare and recognize various medical emergencies.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.9-10.E</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C</p>	

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400 ETHICAL/LEGAL RESPONSIBILITIES.				
<p>401 Practice legal and ethical standards of behavior and compliance, including HIPAA policies.</p> <p>402 RESERVED.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.9-10.E</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C</p>	<p>STANDARD 2.1.HS.F.2 Apply properties of rational and irrational numbers to solve real world or mathematical problems.</p> <p>STANDARD 2.1.HS.F.4 Use units as a way to understand problems and to guide the solution of multistep problems.</p> <p>STANDARD 2.1.HS.F.5 Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p>STANDARD 2.1.HS.F.6 Extend the knowledge of arithmetic operations and apply to complex numbers.</p> <p>STANDARD 2.2.HS.D.7 Create and graph equations or inequalities to describe numbers or relationships.</p> <p>STANDARD 2.4.HS.B.2 Summarize, represent, and interpret data on two categorical and quantitative variables.</p>

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500 ANATOMY AND PHYSIOLOGY.				
<p>501 Identify parts, names, shapes, and surfaces of teeth.</p> <p>502 RESERVED</p> <p>503 Identify basic head and neck anatomy.</p> <p>504 Describe disturbances in dental development.</p> <p>505 Identify landmarks and structures of the face.</p> <p>506 Identify landmarks, structures, and normal tissues of the mouth.</p> <p>507 Identify primary and permanent teeth - arches/types.</p> <p>508 Use Universal, Palmer, and FDI Designation Systems for permanent and primary teeth.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.9-10.E</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C</p>	

		<p>Analyze the structure of the relationships among concepts in a text, etc.</p> <p>Standard CC.3.5.9-10.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>CRAFT & STRUCTURE GRADES 11-12</p> <p>Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.11-12.E. Analyze the structure of the relationships among concepts in a text.</p> <p>Standard CC.3.5.11-12.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 9-10</p> <p>Standard CC.3.5.9-10.G. Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart).</p> <p>Standard CC.3.5.9-10.H. Assess the reasoning in a text to support the author’s claim for solving a technical problem.</p> <p>Standard CC.3.5.9-10.I. Compare and contrast findings presented in a text to those from other sources, etc...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 11-12</p> <p>Standard CC.3.5.11-12.G.</p>	<p>Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 11-12</p> <p>Standard CC.3.6.11-12 C Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D</p> <p>Standard CC.3.6.11-12.D.Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>CC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update</p>	
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		<p>Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.</p> <p>Standard CC.3.5.11-12.H. Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.</p> <p>Standard CC.3.5.11-12.I. Synthesize information from a range of sources into a coherent understanding.</p> <p>RANGE OF READING GRADES 9-10 and 11-12</p> <p>Standard CC.3.5.9-10.J AND Standard CC.3.5.11-12.J. By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p>individual or shared writing products.</p> <p>RESEARCH GRADES 9-10</p> <p>Standard CC.3.6.9-10.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.9-10.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.9-10.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RESEARCH GRADES 11-12</p> <p>Standard CC.3.6.11-12.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.11-12.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.11-12.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RANGE OF WRITING GRADES 9-12</p>	
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			<p>Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I.</p> <p>Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	
600 OFFICE PROCEDURES.				
<p>601 Demonstrate the use of dental software system.</p> <p>602 Maintain inventory system.</p> <p>603 Process insurance claims.</p> <p>604 RESERVED</p> <p>605 Preparing and maintaining patient's file/ file systems.</p> <p>606 RESERVED</p> <p>607 Use written and verbal communication.</p> <p>608 Schedule and maintain appointment book/daily schedule.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.9-10.E</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C</p>	<p>STANDARD 2.1.HS.F.2 Apply properties of rational and irrational numbers to solve real world or mathematical problems.</p> <p>STANDARD 2.1.HS.F.4 Use units as a way to understand problems and to guide the solution of multistep problems.</p> <p>STANDARD 2.1.HS.F.5 Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p>STANDARD 2.1.HS.F.6 Extend the knowledge of arithmetic operations and apply to complex numbers.</p>

		<p>Analyze the structure of the relationships among concepts in a text, etc.</p> <p>Standard CC.3.5.9-10.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>CRAFT & STRUCTURE GRADES 11-12</p> <p>Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.11-12.E. Analyze the structure of the relationships among concepts in a text.</p> <p>Standard CC.3.5.11-12.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 9-10</p> <p>Standard CC.3.5.9-10.G. Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart).</p> <p>Standard CC.3.5.9-10.H. Assess the reasoning in a text to support the author’s claim for solving a technical problem.</p> <p>Standard CC.3.5.9-10.I. Compare and contrast findings presented in a text to those from other sources, etc...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 11-12</p> <p>Standard CC.3.5.11-12.G.</p>	<p>Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 11-12</p> <p>Standard CC.3.6.11-12 C Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D</p> <p>Standard CC.3.6.11-12.D.Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>CC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update</p>	
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		<p>Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.</p> <p>Standard CC.3.5.11-12.H. Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.</p> <p>Standard CC.3.5.11-12.I. Synthesize information from a range of sources into a coherent understanding.</p> <p>RANGE OF READING GRADES 9-10 and 11-12</p> <p>Standard CC.3.5.9-10.J AND Standard CC.3.5.11-12.J. By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p>individual or shared writing products.</p> <p>RESEARCH GRADES 9-10</p> <p>Standard CC.3.6.9-10.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.9-10.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.9-10.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RESEARCH GRADES 11-12</p> <p>Standard CC.3.6.11-12.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.11-12.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.11-12.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RANGE OF WRITING GRADES 9-12</p>	
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			<p>Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I.</p> <p>Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	
700 PHARMACOLOGY.				
<p>701 Describe methods of pain, anxiety control, and pre-meds used in dentistry.</p> <p>702 Use Physician's Desk Reference (PDR) as a resource.</p> <p>703 Recognize pharmacology terms and abbreviations, related to the field of dentistry.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.9-10.E</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C</p>	

		<p>Analyze the structure of the relationships among concepts in a text, etc.</p> <p>Standard CC.3.5.9-10.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>CRAFT & STRUCTURE GRADES 11-12</p> <p>Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.11-12.E. Analyze the structure of the relationships among concepts in a text.</p> <p>Standard CC.3.5.11-12.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS</p> <p>GRADES 9-10</p> <p>Standard CC.3.5.9-10.G. Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart).</p> <p>Standard CC.3.5.9-10.H. Assess the reasoning in a text to support the author’s claim for solving a technical problem.</p> <p>Standard CC.3.5.9-10.I. Compare and contrast findings presented in a text to those from other sources, etc...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS</p> <p>GRADES 11-12</p> <p>Standard CC.3.5.11-12.G.</p>	<p>Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING</p> <p>GRADES 11-12</p> <p>Standard CC.3.6.11-12 C Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D</p> <p>Standard CC.3.6.11-12.D.Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>CC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update</p>	
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			<p>Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I.</p> <p>Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>
800 RADIOLOGY SKILLS.			
<p>801 Discuss history of dental radiology.</p> <p>802 Follow safety measures for exposing dental radiographs.</p> <p>803 Position patient and select accessories for radiographic technique.</p> <p>804 RESERVED</p> <p>805 Select film size appropriate for patient's mouth.</p> <p>806 Describe proper storage of unexposed radiographic film.</p> <p>807 Expose intra-oral radiographs using long-cone paralleling technique.</p> <p>808 Develop radiographs.</p> <p>809 Mount full-mouth series of radiographs.</p> <p>810 Maintain radiographic records.</p> <p>811 Duplicate dental radiographs.</p> <p>812 Identify normal radiographic landmarks of the teeth and jaws.</p> <p>813 Evaluate dental radiographs for diagnostic quality.</p> <p>814 Expose an intra-oral maxillary and mandibular anterior and posterior occlusal radiograph.</p> <p>815 RESERVED</p> <p>816 Expose a panoramic radiograph.</p> <p>817 Expose students to computerized digital radiography.</p> <p>818 Describe the properties of dental radiation.</p> <p>819 Discuss/Expose intra-oral radiographs using long-cone bi-secting technique.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.9-10.E</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C</p>

		<p>Analyze the structure of the relationships among concepts in a text, etc.</p> <p>Standard CC.3.5.9-10.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>CRAFT & STRUCTURE GRADES 11-12</p> <p>Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.11-12.E. Analyze the structure of the relationships among concepts in a text.</p> <p>Standard CC.3.5.11-12.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 9-10</p> <p>Standard CC.3.5.9-10.G. Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart).</p> <p>Standard CC.3.5.9-10.H. Assess the reasoning in a text to support the author’s claim for solving a technical problem.</p> <p>Standard CC.3.5.9-10.I. Compare and contrast findings presented in a text to those from other sources, etc...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 11-12</p> <p>Standard CC.3.5.11-12.G.</p>	<p>Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 11-12</p> <p>Standard CC.3.6.11-12 C Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D</p> <p>Standard CC.3.6.11-12.D.Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>Standard CC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and</p>	
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		<p>Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.</p> <p>Standard CC.3.5.11-12.H. Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.</p> <p>Standard CC.3.5.11-12.I. Synthesize information from a range of sources into a coherent understanding.</p> <p>RANGE OF READING GRADES 9-10 and 11-12</p> <p>Standard CC.3.5.9-10.J AND Standard CC.3.5.11-12.J. By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p>update individual or shared writing products.</p> <p>RESEARCH GRADES 9-10</p> <p>Standard CC.3.6.9-10.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.9-10.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.9-10.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RESEARCH GRADES 11-12</p> <p>Standard CC.3.6.11-12.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.11-12.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.11-12.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RANGE OF WRITING GRADES 9-12</p>	
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			<p>Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I.</p> <p>Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>		
900	OPERATIVE DENTISTRY (CHAIR SIDE DENTISTRY).				
901	Seat/dismiss a patient, including special needs and elderly.	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.9-10.E</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience.</p>	
902	Prepare and set up examination tray.				
903	Record and chart oral conditions.				
904	RESERVED				
905	Take and record patient's dental/medical histories and vital signs.				
906	Prepare oral prophylaxis tray.				
907	Transfer instruments for four-handed dentistry.				
908	Evacuate oral cavity.				
909	Identify various types of dental hand instruments.				
910	Prepare set up and assist with administration of topical and local anesthesia.				
911	Prepare set up and assist with applying and removal of rubber dam.				
912	Identify/change burs in low and high-speed hand pieces.				
913	Prepare tofflemire matrix band.				
914	Prepare set up and assist with amalgam restoration.				
915	Prepare set up and assist with composite/resin restoration.				
916	Prepare set up and assist with pit and fissure sealants.				
917	Prepare set up for whitening procedures and give patient instructions.				
918	Provide patients with preventative dentistry information and techniques.				

		<p>Analyze the structure of the relationships among concepts in a text, etc.</p> <p>Standard CC.3.5.9-10.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>CRAFT & STRUCTURE GRADES 11-12</p> <p>Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.11-12.E. Analyze the structure of the relationships among concepts in a text.</p> <p>Standard CC.3.5.11-12.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS</p> <p>GRADES 9-10</p> <p>Standard CC.3.5.9-10.G. Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart).</p> <p>Standard CC.3.5.9-10.H. Assess the reasoning in a text to support the author’s claim for solving a technical problem.</p> <p>Standard CC.3.5.9-10.I. Compare and contrast findings presented in a text to those from other sources, etc...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS</p> <p>GRADES 11-12</p> <p>Standard CC.3.5.11-12.G.</p>	<p>Standard CC.3.6.9-10 D Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING</p> <p>GRADES 11-12</p> <p>Standard CC.3.6.11-12 C Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D</p> <p>Standard CC.3.6.11-12.D.Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>Standard CC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>RESEARCH GRADES 9-10</p>	
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		<p>Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.</p> <p>Standard CC.3.5.11-12.H. Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.</p> <p>Standard CC.3.5.11-12.I. Synthesize information from a range of sources into a coherent understanding.</p> <p>RANGE OF READING GRADES 9-10 and 11-12 Standard CC.3.5.9-10.J AND Standard CC.3.5.11-12.J. By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p>Standard CC.3.6.9-10.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.9-10.G. Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.9-10.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RESEARCH GRADES 11-12 Standard CC.3.6.11-12.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.11-12.G. Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.11-12.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RANGE OF WRITING GRADES 9-12 Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I. Write routinely over extended time frames and shorter time frames for a</p>	
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			range of tasks, purposes and audiences...etc.	
1000 DENTAL MATERIALS.				
<p>1001 Mix and prepare various dental cements.</p> <p>1002 Prepare set up for and take alginate impressions of the maxillary and mandibular arches.</p> <p>1003 Mix/prepare various dental liners and desensitizing materials.</p> <p>1004 Mix/prepare various dental bases.</p> <p>1005 Mix/prepare various elastomeric materials.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc.</p> <p>Standard CC.3.5.9-10.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new</p>	<p>STANDARD 2.1.HS.F.2 Apply properties of rational and irrational numbers to solve real world or mathematical problems.</p> <p>STANDARD 2.1.HS.F.4 Use units as a way to understand problems and to guide the solution of multistep problems.</p> <p>STANDARD 2.1.HS.F.5 Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p> <p>STANDARD 2.1.HS.F.6 Extend the knowledge of arithmetic operations and apply to complex numbers.</p>

		<p>CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.11-12.E. Analyze the structure of the relationships among concepts in a text. Standard CC.3.5.11-12.F Analyze the author’s purpose in providing an explanation, describing a procedure... INTEGRATE KNOWLEDGE/ IDEAS GRADES 9-10 Standard CC.3.5.9-10.G. Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart). Standard CC.3.5.9-10.H. Assess the reasoning in a text to support the author’s claim for solving a technical problem. Standard CC.3.5.9-10.I. Compare and contrast findings presented in a text to those from other sources, etc... INTEGRATE KNOWLEDGE/ IDEAS GRADES 11-12 Standard CC.3.5.11-12.G. Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem. Standard CC.3.5.11-12.H. Evaluate the hypotheses, data, analysis, and conclusions in a</p>	<p>approach, focusing on addressing what is most significant for a specific purpose and audience. Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update individual or shared writing products. PRODUCTION & DISTRIBUTION OF WRITING GRADES 11-12 Standard CC.3.6.11-12 C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D Standard CC.3.6.11-12.D.Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. Standard CC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update individual or shared writing products. RESEARCH GRADES 9-10 Standard CC.3.6.9-10.F. Conduct short and more sustained research to answer a question or solve a problem.</p>	
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		<p>technical text, verifying the data when possible.</p> <p>Standard CC.3.5.11-12.I. Synthesize information from a range of sources into a coherent understanding.</p> <p>RANGE OF READING GRADES 9-10 and 11-12</p> <p>Standard CC.3.5.9-10.J AND Standard CC.3.5.11-12.J. By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p>Standard CC.3.6.9-10.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.9-10.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RESEARCH GRADES 11-12</p> <p>Standard CC.3.6.11-12.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.11-12.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.11-12.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RANGE OF WRITING GRADES 9-12</p> <p>Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I. Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	
1100 DENTAL LABORATORY PROCEDURES.				
1101 Pour maxillary and mandibular alginate impression with gypsum product.	<u>CLUSTER:</u>	KEY IDEAS/DETAILS	TEXT TYPES AND PURPOSE	

<p>1102 Trim a maxillary and mandibular study cast. 1103 Construct an upper and lower custom tray. 1104 RESERVED 1105 RESERVED 1106 Fabricate a temporary crown/provisional. 1107 Fabricate a bleaching tray.</p>	<p>Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc... CRAFT & STRUCTURE GRADES 9-10 Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words... Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Analyze the author’s purpose in providing an explanation, describing a procedure... CRAFT & STRUCTURE GRADES 11-12 Standard CC.3.5.11-12.D. Determine the meaning of</p>	<p>GRADES 9-10 Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. TEXT TYPES AND PURPOSE GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10 Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. Standard CC.3.6.9-10.E</p>	
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		<p>symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.11-12.E. Analyze the structure of the relationships among concepts in a text.</p> <p>Standard CC.3.5.11-12.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 9-10 Standard CC.3.5.9-10.G. Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart).</p> <p>Standard CC.3.5.9-10.H. Assess the reasoning in a text to support the author’s claim for solving a technical problem.</p> <p>Standard CC.3.5.9-10.I. Compare and contrast findings presented in a text to those from other sources, etc...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 11-12 Standard CC.3.5.11-12.G. Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem.</p> <p>Standard CC.3.5.11-12.H. Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible.</p> <p>Standard CC.3.5.11-12.I.</p>	<p>Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 11-12 Standard CC.3.6.11-12 C Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D Standard CC.3.6.11-12.D.Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>Standard CC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>RESEARCH GRADES 9-10 Standard CC.3.6.9-10.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.9-10.G.Gather relevant information from multiple authoritative print and</p>	
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		<p>Synthesize information from a range of sources into a coherent understanding.</p> <p>RANGE OF READING GRADES 9-10 and 11-12 Standard CC.3.5.9-10.J AND Standard CC.3.5.11-12.J.</p> <p>By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p>digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.9-10.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RESEARCH GRADES 11-12 Standard CC.3.6.11-12.F. Conduct short and more sustained research to answer a question or solve a problem.</p> <p>Standard CC.3.6.11-12.G. Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation.</p> <p>Standard CC.3.6.11-12.H. Draw evidence from informational texts to support analysis, reflection, and research.</p> <p>RANGE OF WRITING GRADES 9-12 Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I.</p> <p>Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	
1200 ORAL SURGERY.				
1201 Prepare set ups for various oral surgical procedures. 1202 Explain pre-operative and post-operative procedures to patient.	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p>	<p>TEXT TYPES AND PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A</p>	

	<p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12</p> <p>Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p> <p>CRAFT & STRUCTURE GRADES 9-10</p> <p>Standard CC.3.5.9-10.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.9-10.E Analyze the structure of the relationships among concepts in a text, etc.</p> <p>Standard CC.3.5.9-10.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>CRAFT & STRUCTURE GRADES 11-12</p> <p>Standard CC.3.5.11-12.D. Determine the meaning of symbols, key terms, and other domain specific words...</p> <p>Standard CC.3.5.11-12.E.</p>	<p>Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>TEXT TYPES AND PURPOSE GRADES 11-12</p> <p>Standard CC.3.6.11-12.A Write arguments focused on discipline specific content.</p> <p>Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10</p> <p>Standard CC.3.6.9-10.C Produce clear and coherent writing...appropriate to task, purpose, and audience.</p> <p>Standard CC.3.6.9-10 D Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p>Standard CC.3.6.9-10.E Use technology, including the Internet, to produce, publish, and update</p>	
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		<p>Analyze the structure of the relationships among concepts in a text.</p> <p>Standard CC.3.5.11-12.F Analyze the author’s purpose in providing an explanation, describing a procedure...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 9-10 Standard CC.3.5.9-10.G. Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart). Standard CC.3.5.9-10.H. Assess the reasoning in a text to support the author’s claim for solving a technical problem. Standard CC.3.5.9-10.I. Compare and contrast findings presented in a text to those from other sources, etc...</p> <p>INTEGRATE KNOWLEDGE/ IDEAS GRADES 11-12 Standard CC.3.5.11-12.G. Integrate and evaluate multiple sources of information presented in diverse formats...to solve a problem. Standard CC.3.5.11-12.H. Evaluate the hypotheses, data, analysis, and conclusions in a technical text, verifying the data when possible. Standard CC.3.5.11-12.I. Synthesize information from a range of sources into a coherent understanding.</p> <p>RANGE OF READING GRADES 9-10 and 11-12</p>	<p>individual or shared writing products.</p> <p>PRODUCTION & DISTRIBUTION OF WRITING GRADES 11-12 Standard CC.3.6.11-12 C Produce clear and coherent writing...appropriate to task, purpose, and audience. Standard CC.3.6.9-10 D Standard CC.3.6.11-12.D.Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. Standard CC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update individual or shared writing products.</p> <p>RESEARCH GRADES 9-10 Standard CC.3.6.9-10.F. Conduct short and more sustained research to answer a question or solve a problem. Standard CC.3.6.9-10.G.Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation. Standard CC.3.6.9-10.H. Draw evidence from</p>	
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		<p>Standard CC.3.5.9-10.J AND Standard CC.3.5.11-12.J. By the end of grades 9- 10, AND 11-12, read and comprehend technical texts independently and proficiently.</p>	<p>informational texts to support analysis, reflection, and research. RESEARCH GRADES 11-12 Standard CC.3.6.11-12.F. Conduct short and more sustained research to answer a question or solve a problem. Standard CC.3.6.11-12.G. Gather relevant information from multiple authoritative print and digital sources, following a standard format for citation. Standard CC.3.6.11-12.H. Draw evidence from informational texts to support analysis, reflection, and research. RANGE OF WRITING GRADES 9-12 Standard CC.3.5.9-10.I AND Standard CC.3.5.11-12.I. Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiences...etc.</p>	
1300 PERIODONTICS.				
<p>1301 Record periodontal probings and periodontal findings. 1302 Provide post-operative instruction for periodontal procedures. 1303 RESERVED 1304 RESERVED</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.9-10.C</p>		

	<p>Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>Follow precisely a complex multistep procedure, etc... KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc.... Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc... Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>		
1400 PROSTHODONTICS.				
<p>1401 RESERVED 1402 Identify dental instruments and describe the total process of providing a fixed prosthesis for a patient. 1403 Identify dental instruments and describe the total process of providing a removable prosthesis for a patient. 1404 Give instructions regarding maintenance of fixed and removable prostheses. 1405 Explain the concept of dental implants.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>		
1500 ENDODONTICS.				
<p>1501 Prepare the set up for endodontic procedures. 1502 Describe the techniques involved in endodontic procedures.</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc.... Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p>		

	<p>Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12</p> <p>Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>		
1600 CERTIFICATION.				
<p>1601 Prepare to obtain various Dental Assistant National Board Certifications.</p> <p>1602 RESERVED</p> <p>1603 RESERVED</p>	<p>CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10</p> <p>Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12</p> <p>Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>		

1700 ORTHODONTICS.				
1701 Identify various instruments, appliances, and techniques.	<p><u>CLUSTER:</u> Health Sciences Careers (Choose Standards) 1-2-3-4-5-6</p> <p>PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)</p>	<p>KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.9-10B Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.9-10.C Follow precisely a complex multistep procedure, etc...</p> <p>KEY IDEAS/DETAILS GRADES 11-12 Standard CC.3.5.11-12A Cite specific textual evidence, etc....</p> <p>Standard CC.3.5.11-12.B. Determine the central ideas or conclusions of a text, etc...</p> <p>Standard CC.3.5.11-12.C. Follow precisely a complex multistep procedure, etc...</p>		