



**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. | | | | |
| <p>101 Identify career: role, function, obligations, and limitations of the dental care provider as a member of the dental team.</p> <p>102 Define dental related terms and abbreviations.</p> <p>103 Practice appropriate personal hygiene, dress practices, personal qualities/characteristics.</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>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</p> | |

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| 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> | |

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| | | <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> |

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| | | <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.... 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</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. 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</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> |
| 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> |

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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. | | | | |

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| | | <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> |

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| | | <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 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 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 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 | |

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| <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> | |

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| | <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> | | |

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| | <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> | | |

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| | <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</p> <p>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> | | |

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| 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> | | |