

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. Define dental related terms and abbreviations. Practice appropriate personal hygiene, dress practices, personal qualities/characteristics.	CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)	 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.3.5.11-12.A 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 	TEXT TYPES AND PURPOSEGRADES 9-10Standard CC.3.6.9-10.AWrite arguments focused on discipline specific content.Standard CC.3.6.9-10.BWrite informative or explanatory texts, including the narration of technical processes, etc.TEXT TYPES AND PURPOSEGRADES 11-12Standard CC.3.6.11-12.AWrite arguments focused on discipline specific content.Standard CC.3.6.11-12.BWrite informative or explanatory texts, including

CRAFT & STRUCTURE	the narration of technical
GRADES 9-10	processes, etc.
Standard CC.3.5.9-10.D.	PRODUCTION &
Determine the meaning of	DISTRIBUTION OF
symbols, key terms, and other	WRITING
domain specific words	GRADES 9-10
Standard CC.3.5.9-10.E	Standard CC.3.6.9-10.C
Analyze the structure of the	Produce clear and coherent
relationships among concepts in a	writingappropriate to
text, etc.	task, purpose, and audience.
Standard CC.3.5.9-10.F	Standard CC.3.6.9-10 D
Analyze the author's purpose in	Develop and strengthen
providing an explanation,	writing as needed by
describing a procedure	planning, revising, editing,
CRAFT & STRUCTURE	rewriting, or trying a new approach, focusing on
GRADES 11-12	addressing what is most
Standard CC.3.5.11-12.D.	significant for a specific
Determine the meaning of	purpose and audience.
symbols, key terms, and other	Standard CC.3.6.9-10.E
domain specific words	Use technology, including
Standard CC.3.5.11-12.E.	the Internet, to produce,
Analyze the structure of the	publish, and update
relationships among concepts in a	individual or shared writing
text.	products.
Standard CC.3.5.11-12.F	PRODUCTION &
Analyze the author's purpose in	DISTRIBUTION OF
providing an explanation,	WRITING
describing a procedure	GRADES 11-12
INTEGRATE KNOWLEDGE/ IDEAS GRADES 9-10	Standard CC.3.6.11-12 C
	Produce clear and coherent
Standard CC.3.5.9-10.G.	writingappropriate to
Translate quantitative or technical	task, purpose, and audience.
information expressed in a text into visual form (e.g. a table or chart).	Standard CC.3.6.9-10 D
Standard CC.3.5.9-10.H.	Standard CC.3.6.11-12.D.
	Develop and strengthen
Assess the reasoning in a text to	writing as needed by
support the author's claim for solving a technical problem.	planning, revising, editing,
Standard CC.3.5.9-10.I.	rewriting, or trying a new
Stanuaru CC.3.3.9-10.1.	approach, focusing on addressing what is most
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Compare and contrast findings presented in a text to those from other sources, etcINTEGRATE KNOWLEDGE/ IDEAS GRADES 11-12Standard CC.3.5.11-12.G. Integrate and evaluate multiple sources of information presented in diverse formatsto 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.RANGE OF READING GRADES 9-10 and 11-12 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.	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. 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 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
	a problem. Standard CC.3.6.11- 12.G.Gather relevant
	informational texts to

200 PRINCIPLES OF INFECTION CONTROL.			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 audiencesetc.	
 201 Wash hands and follow gloving procedures. 202 RESERVED 203 Prepare and bag/wrap instruments for sterilization. 204 Use and care for ultrasonic cleaner. 205 Use chemicals to sterilize and disinfect instruments. 206 Sterilize instruments using autoclave and maintain equipment. 207 Perform disinfection and sterilization procedures on dental equipment. 208 Practice OSHA regulations with respect to dental occupations. 209 Use Safety Data Sheets (SDS) sheets and label appropriate materials. 210 Dispose of sharps, infectious and hazardous wastes. 211 Maintain evacuation system. 212 Maintain dental handpieces. 213 Use infection control procedures to send/receive dental laboratory items. 	CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)	 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 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. 	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	

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300	SAFETY AND EMERGENCY PROCEDURES.			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 audiencesetc.
301	Practice general/personal safety standards/precautions.	CLUSTER:	KEY IDEAS/DETAILS	TEXT TYPES AND PURPOSE
302	Practice proper body mechanics.	Health Sciences Careers	GRADES 9-10 Standard CC.3.5.9-10.A.	GRADES 9-10
303	Perform CPR/AED procedures.			
304	Prepare and recognize various medical emergencies.	(Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)	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	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

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Integrate and evaluate multiple	individual or shared writing
sources of information presented in	products.
diverse formatsto solve a	RESEARCH
problem.	GRADES 9-10
Standard CC.3.5.11-12.H.	Standard CC.3.6.9-10.F.
Evaluate the hypotheses, data,	Conduct short and more
analysis, and conclusions in a	sustained research to
technical text, verifying the data	answer a question or solve
when possible.	a problem.
Standard CC.3.5.11-12.I.	Standard CC.3.6.9-
Synthesize information from a	10.G .Gather relevant
range of sources into a coherent	information from multiple
understanding.	authoritative print and
RANGE OF READING	digital sources, following a
GRADES 9-10 and 11-12	standard format for citation.
Standard CC.3.5.9-10.J AND	Standard CC.3.6.9-10.H.
Standard CC.3.5.11-12.J.	Draw evidence from
By the end of grades 9- 10, AND	informational texts to
11-12, read and comprehend	support analysis, reflection,
technical texts independently and	and research.
proficiently.	RESEARCH
pronoionity.	GRADES 11-12
	Standard CC.3.6.11-12.F.
	Conduct short and more
	sustained research to
	answer a question or solve
	a problem.
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	12.G.Gather relevant
	information from multiple
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	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

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other sources, etcaudience.INTEGRATE KNOWLEDGE/CC.3.6.11-12.E.UseIDEASInternet, to produce,GRADES 11-12publish, and update		
INTEGRATE KNOWLEDGE/ IDEAStechnology, including the Internet, to produce, publish, and update	-	
GRADES 11-12 Internet, to produce, publish, and update		
GRADES 11-12 publish, and update		
Standard CC.3.5.11-12.G.	GRADES 11-12	
	Standard CC.3.5.11-12.G.	

Integrate and evaluate multiple	individual or shared writing
sources of information presented in	products.
diverse formatsto solve a	RESEARCH
problem.	GRADES 9-10
Standard CC.3.5.11-12.H.	Standard CC.3.6.9-10.F.
Evaluate the hypotheses, data,	Conduct short and more
analysis, and conclusions in a	sustained research to
technical text, verifying the data	answer a question or solve
when possible.	a problem.
Standard CC.3.5.11-12.I.	Standard CC.3.6.9-
Synthesize information from a	10.G .Gather relevant
range of sources into a coherent	information from multiple
understanding.	authoritative print and
RANGE OF READING	digital sources, following a
GRADES 9-10 and 11-12	standard format for citation.
Standard CC.3.5.9-10.J AND	Standard CC.3.6.9-10.H.
Standard CC.3.5.11-12.J.	Draw evidence from
By the end of grades 9- 10, AND	informational texts to
11-12, read and comprehend	support analysis, reflection,
technical texts independently and	and research.
proficiently.	RESEARCH
pronoionary.	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

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

Analyze the structure of the	Produce clear and coherent
relationships among concepts in a text, etc.	writingappropriate to task, purpose, and audience.
Standard CC.3.5.9-10.F	Standard CC.3.6.9-10 D
Analyze the author's purpose in	Develop and strengthen
providing an explanation,	writing as needed by
describing a procedure	planning, revising, editing,
CRAFT & STRUCTURE	rewriting, or trying a new
GRADES 11-12	approach, focusing on
Standard CC.3.5.11-12.D.	addressing what is most
Determine the meaning of	significant for a specific purpose and audience.
symbols, key terms, and other	Standard CC.3.6.9-10.E
domain specific words	
Standard CC.3.5.11-12.E.	Use technology, including the Internet, to produce,
Analyze the structure of the	publish, and update
relationships among concepts in a	individual or shared writing
text.	products.
Standard CC.3.5.11-12.F	PRODUCTION &
Analyze the author's purpose in	DISTRIBUTION OF
providing an explanation, describing a procedure	WRITING
INTEGRATE KNOWLEDGE/	GRADES 11-12
IDEAS	Standard CC.3.6.11-12 C
GRADES 9-10	Produce clear and coherent
Standard CC.3.5.9-10.G.	writingappropriate to task, purpose, and audience.
Translate quantitative or technical	Standard CC.3.6.9-10 D
information expressed in a text into	Standard CC.3.6.11-
visual form (e.g. a table or chart).	12.D .Develop and
Standard CC.3.5.9-10.H.	strengthen writing as
Assess the reasoning in a text to	needed by planning,
support the author's claim for	revising, editing, rewriting,
solving a technical problem.	or trying a new approach,
Standard CC.3.5.9-10.I.	focusing on addressing
Compare and contrast findings	what is most significant for a specific purpose and
presented in a text to those from	audience.
other sources, etc	CC.3.6.11-12.E.Use
INTEGRATE KNOWLEDGE/ IDEAS	technology, including the
	Internet, to produce,
GRADES 11-12	publish, and update
Standard CC.3.5.11-12.G.	

Integrate and evaluate multiple	individual or shared writing
sources of information presented in	products.
diverse formatsto solve a	RESEARCH
problem.	GRADES 9-10
Standard CC.3.5.11-12.H.	Standard CC.3.6.9-10.F.
Evaluate the hypotheses, data,	Conduct short and more
analysis, and conclusions in a	sustained research to
technical text, verifying the data	answer a question or solve
when possible.	a problem.
Standard CC.3.5.11-12.I.	Standard CC.3.6.9-
Synthesize information from a	10.G .Gather relevant
range of sources into a coherent	information from multiple
understanding.	authoritative print and
RANGE OF READING	digital sources, following a
GRADES 9-10 and 11-12	standard format for citation.
Standard CC.3.5.9-10.J AND	Standard CC.3.6.9-10.H.
Standard CC.3.5.11-12.J.	Draw evidence from
By the end of grades 9- 10, AND	informational texts to
11-12, read and comprehend	support analysis, reflection,
technical texts independently and	and research.
proficiently.	RESEARCH
pronoronary.	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
	1

600 OFFICE PROCEDURES. 601 Demonstrate the use of dental software system. 602 Maintain inventory system. 603 Process insurance claims.	<u>CLUSTER</u> : Health Sciences Careers	KEY IDEAS/DETAILS GRADES 9-10 Standard CC.3.5.9-10.A.	Standard CC.3.5.9-10.IAND Standard CC.3.5.11-12.I.Write routinely over extended time frames and shorter time frames for a range of tasks, purposes and audiencesetc.TEXT TYPES AND PURPOSE GRADES 9-10	STANDARD 2.1.HS.F.2 Apply properties of rational and irrational
 604 RESERVED 605 Preparing and maintaining patient's file/ file systems. 606 RESERVED 607 Use written and verbal communication. 608 Schedule and maintain appointment book/daily schedule. 	(Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)	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.3.6.9-10.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 	numbers to solve real world or mathematical problems. STANDARD 2.1.HS.F.4 Use units as a way to understand problems and to guide the solution of multistep problems. STANDARD 2.1.HS.F.5 Choose a level of accuracy appropriate to limitations on measurement when reporting quantities. STANDARD 2.1.HS.F.6 Extend the knowledge of arithmetic operations and apply to complex numbers.

Analyze the structure of the relationships among concepts in a bit text, etc.Produce clear and coherent withing_appropriate to task, purpose, and audience.Standard CC.3.5.9-10FStandard CC.3.5.9-10FStandard CC.3.5.9-10FAmiyze the author's purpose in provising a procedure (CRAFT & STRUCTURE)Develop and strengthen withing, an encoded by phaning, revising, strings a need develop and strengthen withing.CRAFT & STRUCTURE (CRAFT & STRUCTURE)Develop and strengthen withing, an encoded by phaning, revising, strings a need develop and strengthen withing.Determine the meaning of symbols, key terms, and operative domain specific worksStandard CC.3.5.11-2.0 strainfort for a specific significant for a specific significant for a specific significant for a specific significant for a specific publish, and update individual or shander text.Standard CC.3.5.11-2.1F DeCASRADize the author's purpose in providing a needlation describing a procedure text.ThrTEGRAFT ENOWLEDEGT DECASProduce clear and coherent with and update information expressed in a text to the solving a text to the specific text, purpose, and audience.Standard CC.3.5.9.10.1 Standard			
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providing an explanation, describing a procedure GRADES 11-12writing is needed by describing a procedure (RADES 11-12)Standard CC.3.5.11-12.F. domain specific wordsaddressing what is most significant for a specific purpose and audience. Standard CC.3.5.11-12.F. the Internet, to produce, purble, hauting the the Internet, to produce, the Internet, Internet, the Internet, Internet, the Internet, Internet, to produce, the Internet, Internet, to produce, the Internet, Internet, Internet, to produce, the Internet, Internet, Internet, to produce, the Internet, Internet, to produce, the Internet,	Standard CC.3.5.9-10.F	Standard CC.3.6.9-10 D	
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Compare and contrast findings presented in a text to those from other sources, etcwhat is most significant for a specific purpose and audience.INTEGRATE KNOWLEDGE/ IDEASCC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update	č 1		
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presented in a text to those from other sources, etcaudience.INTEGRATE KNOWLEDGE/ IDEASCC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update			
INTEGRATE KNOWLEDGE/ IDEASCC.3.6.11-12.E.Use technology, including the Internet, to produce, publish, and update	*		
INTEGRATE KNOWLEDGE/ IDEAStechnology, including the Internet, to produce, publish, and update	,		
GRADES 11-12 Internet, to produce, publish, and update			
GRADES 11-12 publish, and update			
Standard CC.3.5.11-12.G.			
	Standard CC.3.5.11-12.G.		

Integrate and evaluate multiple	individual or shared writing
sources of information presented in	products.
diverse formatsto solve a	RESEARCH
problem.	GRADES 9-10
Standard CC.3.5.11-12.H.	Standard CC.3.6.9-10.F.
Evaluate the hypotheses, data,	Conduct short and more
analysis, and conclusions in a	sustained research to
technical text, verifying the data	answer a question or solve
when possible.	a problem.
Standard CC.3.5.11-12.I.	Standard CC.3.6.9-
Synthesize information from a	10.G .Gather relevant
range of sources into a coherent	information from multiple
understanding.	authoritative print and
RANGE OF READING	digital sources, following a
GRADES 9-10 and 11-12	standard format for citation.
Standard CC.3.5.9-10.J AND	Standard CC.3.6.9-10.H.
Standard CC.3.5.11-12.J.	Draw evidence from
By the end of grades 9- 10, AND	informational texts to
11-12, read and comprehend	support analysis, reflection,
technical texts independently and	and research.
proficiently.	RESEARCH
promotoriuj	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

700	PHARMACOLOGY.			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 audiencesetc.
701 702 703	Describe methods of pain, anxiety control, and pre- meds used in dentistry. Use Physician's Desk Reference (PDR) as a resource. Recognize pharmacology terms and abbreviations, related to the field of dentistry.	CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)	 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.3.5.11-12.A 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 	TEXT TYPES AND PURPOSE GRADES 9-10Standard CC.3.6.9-10.AWrite arguments focused on discipline specific content.Standard CC.3.6.9-10.BWrite informative or explanatory texts, including the narration of technical processes, etc.TEXT TYPES AND PURPOSE GRADES 11-12Standard CC.3.6.11-12.AWrite arguments focused on discipline specific content.Standard CC.3.6.11-12.BWrite informative or explanatory texts, including the narration of technical processes, etc.FRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10
			domain specific words Standard CC.3.5.9-10.E	Standard CC.3.6.9-10.C

Analyze the structure of the	Produce clear and coherent
relationships among concepts in a text, etc.	writingappropriate to task, purpose, and audience.
Standard CC.3.5.9-10.F	Standard CC.3.6.9-10 D
Analyze the author's purpose in	Develop and strengthen
providing an explanation,	writing as needed by
describing a procedure	planning, revising, editing,
CRAFT & STRUCTURE	rewriting, or trying a new
GRADES 11-12	approach, focusing on
Standard CC.3.5.11-12.D.	addressing what is most
Determine the meaning of	significant for a specific purpose and audience.
symbols, key terms, and other	Standard CC.3.6.9-10.E
domain specific words	
Standard CC.3.5.11-12.E.	Use technology, including the Internet, to produce,
Analyze the structure of the	publish, and update
relationships among concepts in a	individual or shared writing
text.	products.
Standard CC.3.5.11-12.F	PRODUCTION &
Analyze the author's purpose in	DISTRIBUTION OF
providing an explanation, describing a procedure	WRITING
INTEGRATE KNOWLEDGE/	GRADES 11-12
IDEAS	Standard CC.3.6.11-12 C
GRADES 9-10	Produce clear and coherent
Standard CC.3.5.9-10.G.	writingappropriate to task, purpose, and audience.
Translate quantitative or technical	Standard CC.3.6.9-10 D
information expressed in a text into	Standard CC.3.6.9-10 D Standard CC.3.6.11-
visual form (e.g. a table or chart).	12.D .Develop and
Standard CC.3.5.9-10.H.	strengthen writing as
Assess the reasoning in a text to	needed by planning,
support the author's claim for	revising, editing, rewriting,
solving a technical problem.	or trying a new approach,
Standard CC.3.5.9-10.I.	focusing on addressing
Compare and contrast findings	what is most significant for a specific purpose and
presented in a text to those from	audience.
other sources, etc	CC.3.6.11-12.E.Use
INTEGRATE KNOWLEDGE/ IDEAS	technology, including the
	Internet, to produce,
GRADES 11-12	publish, and update
Standard CC.3.5.11-12.G.	

Integrate and evaluate multiple	individual or shared writing
sources of information presented in	products.
diverse formatsto solve a	RESEARCH
problem.	GRADES 9-10
Standard CC.3.5.11-12.H.	Standard CC.3.6.9-10.F.
Evaluate the hypotheses, data,	Conduct short and more
analysis, and conclusions in a	sustained research to
technical text, verifying the data	answer a question or solve
when possible.	a problem.
Standard CC.3.5.11-12.I.	Standard CC.3.6.9-
Synthesize information from a	10.G .Gather relevant
range of sources into a coherent	information from multiple
understanding.	authoritative print and
RANGE OF READING	digital sources, following a
GRADES 9-10 and 11-12	standard format for citation.
Standard CC.3.5.9-10.J AND	Standard CC.3.6.9-10.H.
Standard CC.3.5.11-12.J.	Draw evidence from
By the end of grades 9-10, AND	informational texts to
11-12, read and comprehend	support analysis, reflection,
technical texts independently and	and research.
proficiently.	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
	GRADES 7-12

800 801	RADIOLOGY SKILLS. Discuss history of dental radiology.	CLUSTER:	KEY IDEAS/DETAILS	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 audiencesetc.
802	Follow safety measures for exposing dental	Health Sciences	GRADES 9-10	PURPOSE
	radiographs.	Careers	Standard CC.3.5.9-10.A.	GRADES 9-10
803	Position patient and select accessories for	(Choose Standards)	Cite specific textual evidence,	Standard CC.3.6.9-10.A
804	radiographic technique. RESERVED	1-2-3-4-5-6	etc	Write arguments focused on discipline specific
804 805	Select film size appropriate for patient's mouth.	DATINI ANG	Standard CC.3.5.9-10B	on discipline specific content.
805	Describe proper storage of unexposed radiographic	PATHWAYS INCLUDE	Determine the central ideas or conclusions of a text, etc	Standard CC.3.6.9-10.B
500	film.	Search ONET and	Standard CC.3.5.9-10.C	Write informative or
807	Expose intra-oral radiographs using long-cone paralleling technique.	other resources to locate pathways in	Follow precisely a complex multistep procedure, etc	explanatory texts, including the narration of technical
808	Develop radiographs.	Health Sciences.	KEY IDEAS/DETAILS	processes, etc.
809	Mount full-mouth series of radiographs.	(Select Standards following research.)	GRADES 11-12	TEXT TYPES AND PURPOSE
810	Maintain radiographic records.	ionowing tesearch.)	Standard CC.3.5.11-12A	GRADES 11-12
811	Duplicate dental radiographs.		Cite specific textual evidence,	Standard CC.3.6.11-12.A
812	Identify normal radiographic landmarks of the teeth and jaws.		etc Standard CC.3.5.11-12.B.	Write arguments focused
813	Evaluate dental radiographs for diagnostic quality.		Determine the central ideas or	on discipline specific
814	Expose an intra-oral maxillary and mandibular		conclusions of a text, etc	content. Standard CC.3.6.11-12.B
	anterior and posterior occlusal radiograph.		Standard CC.3.5.11-12.C.	Write informative or
815	RESERVED		Follow precisely a complex	explanatory texts, including
816	Expose a panoramic radiograph.		multistep procedure, etc	the narration of technical
817	Expose students to computerized digital radiography.		CRAFT & STRUCTURE GRADES 9-10	processes, etc.
818	Describe the properties of dental radiation.		Standard CC.3.5.9-10.D.	PRODUCTION & DISTRIBUTION OF
819	Discuss/Expose intra-oral radiographs using long-		Determine the meaning of	WRITING
	cone bi-secting technique.		symbols, key terms, and other	GRADES 9-10
			domain specific words	Standard CC.3.6.9-10.C
			Standard CC.3.5.9-10.E	

Analyze the structure of the	Produce clear and coherent
relationships among concepts in a text, etc.	writingappropriate to task, purpose, and audience.
Standard CC.3.5.9-10.F	Standard CC.3.6.9-10 D
Analyze the author's purpose in	Develop and strengthen
providing an explanation,	writing as needed by
describing a procedure	planning, revising, editing,
CRAFT & STRUCTURE	rewriting, or trying a new
GRADES 11-12	approach, focusing on
Standard CC.3.5.11-12.D.	addressing what is most
Determine the meaning of	significant for a specific
symbols, key terms, and other	purpose and audience.
domain specific words	Standard CC.3.6.9-10.E
Standard CC.3.5.11-12.E.	Use technology, including the Internet, to produce,
Analyze the structure of the	publish, and update
relationships among concepts in a	individual or shared writing
text.	products.
Standard CC.3.5.11-12.F	PRODUCTION &
Analyze the author's purpose in	DISTRIBUTION OF
providing an explanation,	WRITING
describing a procedure	GRADES 11-12
INTEGRATE KNOWLEDGE/ IDEAS	Standard CC.3.6.11-12 C
GRADES 9-10	Produce clear and coherent
	writingappropriate to
Standard CC.3.5.9-10.G.	task, purpose, and audience.
Translate quantitative or technical	Standard CC.3.6.9-10 D
information expressed in a text into visual form (e.g. a table or chart).	Standard CC.3.6.11-
Standard CC.3.5.9-10.H.	12.D .Develop and
Assess the reasoning in a text to	strengthen writing as needed by planning,
support the author's claim for	revising, editing, rewriting,
solving a technical problem.	or trying a new approach,
Standard CC.3.5.9-10.I.	focusing on addressing
Compare and contrast findings	what is most significant for
presented in a text to those from	a specific purpose and
other sources, etc	audience.
INTEGRATE KNOWLEDGE/	Standard CC.3.6.11-
IDEAS	12.E .Use technology, including the Internet, to
GRADES 11-12	produce, publish, and
Standard CC.3.5.11-12.G.	produce, paonon, and

	evaluate multiple	update individual or shared	
	ormation presented in	writing products.	
diverse format	sto solve a	RESEARCH	
problem.		GRADES 9-10	
Standard CC.	.3.5.11-12.Н.	Standard CC.3.6.9-10.F.	
Evaluate the h	ypotheses, data,	Conduct short and more	
	conclusions in a	sustained research to	
	verifying the data	answer a question or solve	
when possible.		a problem.	
Standard CC.	.3.5.11-12.I.	Standard CC.3.6.9-	
Synthesize info	ormation from a	10.G.Gather relevant	
	es into a coherent	information from multiple	
understanding.		authoritative print and	
RANGE OF I	READING	digital sources, following a	
GRADES 9-1	0 and 11-12	standard format for citation.	
Standard CC.	.3.5.9-10.J AND	Standard CC.3.6.9-10.H.	
Standard CC.	.3.5.11-12.J.	Draw evidence from	
By the end of	grades 9- 10, AND	informational texts to	
11-12, read and		support analysis, reflection,	
	independently and	and research.	
proficiently.		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	
		GRADES 7-12	

900	OPERATIVE DENTISTRY (CHAIR SIDE DENTISTRY).			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 audiencesetc.	
901	Seat/dismiss a patient, including special needs and elderly.	CLUSTER: Health Sciences	KEY IDEAS/DETAILS GRADES 9-10	TEXT TYPES AND PURPOSE GRADES 9-10	
902	Prepare and set up examination tray.	Careers	Standard CC.3.5.9-10.A.	Standard CC.3.6.9-10.A	
903	Record and chart oral conditions.	(Choose Standards)	Cite specific textual evidence,	Write arguments focused	
904	RESERVED	1-2-3-4-5-6	etc	on discipline specific content.	
905	Take and record patient's dental/medical histories and vital signs.	PATHWAYS	Standard CC.3.5.9-10B Determine the central ideas or	Standard CC.3.6.9-10.B	
906	Prepare oral prophylaxis tray.	INCLUDE	conclusions of a text, etc	Write informative or	
907	Transfer instruments for four-handed dentistry.	Search ONET and	Standard CC.3.5.9-10.C	explanatory texts, including the narration of technical	
908	Evacuate oral cavity.	other resources to	Follow precisely a complex	processes, etc.	
909	Identify various types of dental hand instruments.	locate pathways in Health Sciences.	multistep procedure, etc	TEXT TYPES AND	
910	Prepare set up and assist with administration of topical and local anesthesia.	(Select Standards	KEY IDEAS/DETAILS GRADES 11-12	PURPOSE	
911	Prepare set up and assist with applying and removal of rubber dam.	following research.)	Standard CC.3.5.11-12A Cite specific textual evidence,	GRADES 11-12 Standard CC.3.6.11-12.A Write arguments focused	
912	Identify/change burs in low and high-speed hand pieces.		etc Standard CC.3.5.11-12.B.	on discipline specific content.	
913	Prepare tofflemire matrix band.		Determine the central ideas or	Standard CC.3.6.11-12.B	
914	Prepare set up and assist with amalgam restoration.		conclusions of a text, etc	Write informative or	
915	Prepare set up and assist with composite/resin restoration.		Standard CC.3.5.11-12.C. Follow precisely a complex	explanatory texts, including the narration of technical	
916	Prepare set up and assist with pit and fissure sealants.		multistep procedure, etc CRAFT & STRUCTURE	processes, etc. PRODUCTION &	
917	Prepare set up for whitening procedures and give patient instructions.		GRADES 9-10	DISTRIBUTION OF WRITING	
918	Provide patients with preventative dentistry		Standard CC.3.5.9-10.D. Determine the meaning of	GRADES 9-10	
	information and techniques.		symbols, key terms, and other	Standard CC.3.6.9-10.C	
			domain specific words	Produce clear and coherent	
			Standard CC.3.5.9-10.E	writingappropriate to task, purpose, and audience.	

Analyze the structure of the	Standard CC.3.6.9-10 D
relationships among concepts in a	Develop and strengthen
text, etc.	writing as needed by
Standard CC.3.5.9-10.F	planning, revising, editing,
Analyze the author's purpose in	rewriting, or trying a new
providing an explanation,	approach, focusing on
describing a procedure	addressing what is most significant for a specific
CRAFT & STRUCTURE	purpose and audience.
GRADES 11-12	Standard CC.3.6.9-10.E
Standard CC.3.5.11-12.D.	
Determine the meaning of	Use technology, including
symbols, key terms, and other	the Internet, to produce, publish, and update
domain specific words	individual or shared writing
Standard CC.3.5.11-12.E.	products.
Analyze the structure of the	PRODUCTION &
relationships among concepts in a	DISTRIBUTION OF
text.	WRITING
Standard CC.3.5.11-12.F	GRADES 11-12
Analyze the author's purpose in	Standard CC.3.6.11-12 C
providing an explanation,	Produce clear and coherent
describing a procedure	writingappropriate to
INTEGRATE KNOWLEDGE/	task, purpose, and audience.
IDEAS	Standard CC.3.6.9-10 D
GRADES 9-10	Standard CC.3.6.11-
Standard CC.3.5.9-10.G.	12.D .Develop and
Translate quantitative or technical	strengthen writing as
information expressed in a text into	needed by planning,
visual form (e.g. a table or chart).	revising, editing, rewriting,
Standard CC.3.5.9-10.H.	or trying a new approach,
Assess the reasoning in a text to	focusing on addressing
support the author's claim for	what is most significant for a specific purpose and
solving a technical problem.	audience.
Standard CC.3.5.9-10.I.	Standard CC.3.6.11-
Compare and contrast findings	12.E .Use technology,
presented in a text to those from	including the Internet, to
other sources, etc	produce, publish, and
INTEGRATE KNOWLEDGE/	update individual or shared
IDEAS	writing products.
GRADES 11-12	RESEARCH
Standard CC.3.5.11-12.G.	GRADES 9-10

Integrate and evaluate multiple	Standard CC.3.6.9-10.F.
sources of information presented in	Conduct short and more
diverse formatsto solve a	sustained research to
problem.	answer a question or solve
Standard CC.3.5.11-12.H.	a problem.
Evaluate the hypotheses, data,	Standard CC.3.6.9-
analysis, and conclusions in a	10.G .Gather relevant
technical text, verifying the data	information from multiple
when possible.	authoritative print and
Standard CC.3.5.11-12.I.	digital sources, following a standard format for citation.
Synthesize information from a	
range of sources into a coherent	Standard CC.3.6.9-10.H. Draw evidence from
understanding.	informational texts to
RANGE OF READING	support analysis, reflection,
GRADES 9-10 and 11-12	and research.
Standard CC.3.5.9-10.J AND	RESEARCH
Standard CC.3.5.11-12.J.	GRADES 11-12
By the end of grades 9- 10, AND	
11-12, read and comprehend	Standard CC.3.6.11-12.F.
technical texts independently and	Conduct short and more sustained research to
proficiently.	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
	shorter time frames for a

				range of tasks, purposes and audiencesetc.	
1000	DENTAL MATERIALS.				
1003 1004	Mix and prepare various dental cements. Prepare set up for and take alginate impressions of the maxillary and mandibular arches. Mix/prepare various dental liners and desensitizing materials. Mix/prepare various dental bases. Mix/prepare various elastomeric materials.	CLUSTER: Health Sciences Careers (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)	 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.3.5.11-12.A 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 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 a procedure 	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 Produce clear and coherent writingappropriate 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	STANDARD 2.1.HS.F.2 Apply properties of rational and irrational numbers to solve real world or mathematical problems. STANDARD 2.1.HS.F.4 Use units as a way to understand problems and to guide the solution of multistep problems. STANDARD 2.1.HS.F.5 Choose a level of accuracy appropriate to limitations on measurement when reporting quantities. STANDARD 2.1.HS.F.6 Extend the knowledge of arithmetic operations and apply to complex numbers.

CRAFT & STRUCTURE	approach, focusing on
GRADES 11-12	addressing what is most
Standard CC.3.5.11-12.D.	significant for a specific
Determine the meaning of	purpose and audience.
symbols, key terms, and other	Standard CC.3.6.9-10.E
domain specific words	Use technology, including
Standard CC.3.5.11-12.E.	the Internet, to produce,
Analyze the structure of the	publish, and update
relationships among concepts in a	individual or shared writing
text.	products.
Standard CC.3.5.11-12.F	PRODUCTION & DISTRIBUTION OF
Analyze the author's purpose in	WRITING
providing an explanation,	GRADES 11-12
describing a procedure	
INTEGRATE KNOWLEDGE/	Standard CC.3.6.11-12 C
IDEAS	Produce clear and coherent
GRADES 9-10	writingappropriate to task, purpose, and audience.
Standard CC.3.5.9-10.G.	Standard CC.3.6.9-10 D
Translate quantitative or technical	
information expressed in a text into	Standard CC.3.6.11- 12.D.Develop and
visual form (e.g. a table or chart).	strengthen writing as
Standard CC.3.5.9-10.H.	needed by planning,
Assess the reasoning in a text to	revising, editing, rewriting,
support the author's claim for	or trying a new approach,
solving a technical problem.	focusing on addressing
Standard CC.3.5.9-10.I.	what is most significant for
Compare and contrast findings	a specific purpose and
presented in a text to those from	audience.
other sources, etc	Standard CC.3.6.11-
INTEGRATE KNOWLEDGE/	12.E . Use technology,
IDEAS	including the Internet, to produce, publish, and
GRADES 11-12	update individual or shared
Standard CC.3.5.11-12.G.	writing products.
Integrate and evaluate multiple	RESEARCH
sources of information presented in	GRADES 9-10
diverse formatsto solve a	
problem.	Standard CC.3.6.9-10.F. Conduct short and more
Standard CC.3.5.11-12.H.	sustained research to
Evaluate the hypotheses, data,	answer a question or solve
analysis, and conclusions in a	a problem.
l	- r

		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. 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.	Standard CC.3.6.9-10.G.Gather relevantinformation from multipleauthoritative print anddigital sources, following astandard format for citation.Standard CC.3.6.9-10.H.Draw evidence frominformational texts tosupport analysis, reflection,and research.RESEARCHGRADES 11-12Standard CC.3.6.11-12.F.Conduct short and moresustained research toanswer a question or solvea problem.Standard CC.3.6.11-12.G.Gather relevantinformation from multipleauthoritative print anddigital sources, following astandard format for citation.Standard CC.3.6.11-12.H.Draw evidence frominformational texts tosupport analysis, reflection,and research.RANGE OF WRITINGGRADES 9-12Standard CC.3.5.9-10.IAND Standard CC.3.5.11-12.I.Write routinely overextended time frames andshorter time frames for arange of tasks, purposesand audiencesetc.
1100 DENTAL LABORATORY PROCEDURES. 1101 Pour maxillary and mandibular alginate impression	CLUSTER:	KFV IDFAS/DFTAILS	TEXT TYPES AND
1101 Pour maxillary and mandibular alginate impression with gypsum product.	CLUSTER:	KEY IDEAS/DETAILS	TEXT TYPES AND PURPOSE

1102 Trim a maxillary and mandibular study cast.	Health Sciences	GRADES 9-10	GRADES 9-10
1103 Construct an upper and lower custom tray.	Careers	Standard CC.3.5.9-10.A.	Standard CC.3.6.9-10.A
1104 RESERVED	(Choose Standards)	Cite specific textual evidence,	Write arguments focused
1105 RESERVED	1-2-3-4-5-6	etc	on discipline specific
1106 Fabricate a temporary crown/provisional.		Standard CC.3.5.9-10B	content.
1107 Fabricate a bleaching tray.	PATHWAYS	Determine the central ideas or	Standard CC.3.6.9-10.B
	INCLUDE	conclusions of a text, etc	Write informative or
	Search ONET and	Standard CC.3.5.9-10.C	explanatory texts, including
	other resources to	Follow precisely a complex	the narration of technical processes, etc.
	locate pathways in Health Sciences.	multistep procedure, etc	TEXT TYPES AND
	(Select Standards	KEY IDEAS/DETAILS	PURPOSE
	following research.)	GRADES 11-12	GRADES 11-12
		Standard CC.3.5.11-12A	Standard CC.3.6.11-12.A
		Cite specific textual evidence,	Write arguments focused
		etc Standard CC.3.5.11-12.B.	on discipline specific
		Determine the central ideas or	content.
		conclusions of a text, etc	Standard CC.3.6.11-12.B
		Standard CC.3.5.11-12.C.	Write informative or
		Follow precisely a complex	explanatory texts, including the narration of technical
		multistep procedure, etc	processes, etc.
		CRAFT & STRUCTURE	PRODUCTION &
		GRADES 9-10	DISTRIBUTION OF
		Standard CC.3.5.9-10.D.	WRITING
		Determine the meaning of	GRADES 9-10
		symbols, key terms, and other	Standard CC.3.6.9-10.C
		domain specific words	Produce clear and coherent
		Standard CC.3.5.9-10.E	writingappropriate to
		Analyze the structure of the	task, purpose, and audience.
		relationships among concepts in a	Standard CC.3.6.9-10 D
		text, etc.	Develop and strengthen
		Standard CC.3.5.9-10.F	writing as needed by planning, revising, editing,
		Analyze the author's purpose in providing an explanation,	rewriting, or trying a new
		describing a procedure	approach, focusing on
		CRAFT & STRUCTURE	addressing what is most
		GRADES 11-12	significant for a specific
		Standard CC.3.5.11-12.D.	purpose and audience.
		Determine the meaning of	Standard CC.3.6.9-10.E

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symbols, key terms, and other	Use technology, including
domain specific words	the Internet, to produce,
Standard CC.3.5.11-12.E.	publish, and update
Analyze the structure of the	individual or shared writing
relationships among concepts in a	products.
text.	PRODUCTION &
Standard CC.3.5.11-12.F	DISTRIBUTION OF WRITING
Analyze the author's purpose in	GRADES 11-12
providing an explanation,	
describing a procedure	Standard CC.3.6.11-12 C
INTEGRATE KNOWLEDGE/	Produce clear and coherent
IDEAS	writingappropriate to
GRADES 9-10	task, purpose, and audience.
Standard CC.3.5.9-10.G.	Standard CC.3.6.9-10 D
Translate quantitative or technical	Standard CC.3.6.11-
information expressed in a text into	12.D .Develop and strengthen writing as
visual form (e.g. a table or chart).	needed by planning,
Standard CC.3.5.9-10.H.	revising, editing, rewriting,
Assess the reasoning in a text to	or trying a new approach,
support the author's claim for	focusing on addressing
solving a technical problem.	what is most significant for
Standard CC.3.5.9-10.I.	a specific purpose and
Compare and contrast findings	audience.
presented in a text to those from	Standard CC.3.6.11-
other sources, etc	12.E .Use technology,
INTEGRATE KNOWLEDGE/	including the Internet, to
IDEAS	produce, publish, and
GRADES 11-12	update individual or shared writing products.
Standard CC.3.5.11-12.G.	RESEARCH
Integrate and evaluate multiple	
sources of information presented in	GRADES 9-10
diverse formatsto solve a	Standard CC.3.6.9-10.F.
problem.	Conduct short and more
Standard CC.3.5.11-12.H.	sustained research to answer a question or solve
Evaluate the hypotheses, data,	a problem.
analysis, and conclusions in a	Standard CC.3.6.9-
technical text, verifying the data	10.G .Gather relevant
when possible.	information from multiple
Standard CC.3.5.11-12.I.	authoritative print and
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1200 ORAL SURGERY.		Synthesize information from a range of sources into a coherent understanding. 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.	digital sources, following a standard format for citation. Standard CC.3.6.9-10.H. Draw evidence from 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 audiencesetc.	
1200 OKAL SOKOEKT. 1201 Prepare set ups for various oral surgical procedures.	CLUSTER:	KEY IDEAS/DETAILS	TEXT TYPES AND	
1201 Triplate set ups for various of a surgical procedures.1202 Explain pre-operative and post-operative procedures to patient.	Health Sciences Careers (Choose Standards) 1-2-3-4-5-6	GRADES 9-10 Standard CC.3.5.9-10.A. Cite specific textual evidence, etc	PURPOSE GRADES 9-10 Standard CC.3.6.9-10.A	

		Standard CC.3.5.9-10B	Write arguments focused
	ATHWAYS	Determine the central ideas or	on discipline specific content.
	NCLUDE	conclusions of a text, etc	Standard CC.3.6.9-10.B
	earch ONET and	Standard CC.3.5.9-10.C	
	ther resources to cate pathways in	Follow precisely a complex	Write informative or explanatory texts, including
	lealth Sciences.	multistep procedure, etc	the narration of technical
	Select Standards	KEY IDEAS/DETAILS	processes, etc.
fol	ollowing research.)	GRADES 11-12	TEXT TYPES AND
		Standard CC.3.5.11-12A	PURPOSE
		Cite specific textual evidence, etc	GRADES 11-12
		Standard CC.3.5.11-12.B.	Standard CC.3.6.11-12.A
		Determine the central ideas or	Write arguments focused
		conclusions of a text, etc	on discipline specific
		Standard CC.3.5.11-12.C.	content.
		Follow precisely a complex	Standard CC.3.6.11-12.B
		multistep procedure, etc	Write informative or explanatory texts, including
		CRAFT & STRUCTURE	the narration of technical
		GRADES 9-10	processes, etc.
		Standard CC.3.5.9-10.D.	PRODUCTION &
		Determine the meaning of	DISTRIBUTION OF
		symbols, key terms, and other	WRITING
		domain specific words	GRADES 9-10
		Standard CC.3.5.9-10.E	Standard CC.3.6.9-10.C
		Analyze the structure of the	Produce clear and coherent
		relationships among concepts in a text, etc.	writingappropriate to task, purpose, and audience.
		Standard CC.3.5.9-10.F	Standard CC.3.6.9-10 D
		Analyze the author's purpose in	Develop and strengthen
		providing an explanation,	writing as needed by
		describing a procedure	planning, revising, editing,
		CRAFT & STRUCTURE	rewriting, or trying a new
		GRADES 11-12	approach, focusing on
		Standard CC.3.5.11-12.D.	addressing what is most significant for a specific
		Determine the meaning of	purpose and audience.
		symbols, key terms, and other	Standard CC.3.6.9-10.E
		domain specific words	Use technology, including
		Standard CC.3.5.11-12.E.	the Internet, to produce,
			publish, and update

Analyze the structure of the	individual or shared writing
relationships among concepts in a	products.
text.	PRODUCTION &
Standard CC.3.5.11-12.F	DISTRIBUTION OF
Analyze the author's purpose in	WRITING
providing an explanation,	GRADES 11-12
describing a procedure	Standard CC.3.6.11-12 C
INTEGRATE KNOWLEDGE/ IDEAS	Produce clear and coherent
GRADES 9-10	writingappropriate to task, purpose, and audience.
Standard CC.3.5.9-10.G.	Standard CC.3.6.9-10 D
Translate quantitative or technical	Standard CC.3.6.11-
information expressed in a text into visual form (e.g. a table or chart).	12.D .Develop and strengthen writing as
Standard CC.3.5.9-10.H.	needed by planning,
Assess the reasoning in a text to	revising, editing, rewriting,
support the author's claim for	or trying a new approach,
solving a technical problem.	focusing on addressing
Standard CC.3.5.9-10.I.	what is most significant for
Compare and contrast findings	a specific purpose and audience.
presented in a text to those from	
other sources, etc	Standard CC.3.6.11- 12.E.Use technology,
INTEGRATE KNOWLEDGE/	including the Internet, to
IDEAS	produce, publish, and
GRADES 11-12	update individual or shared
Standard CC.3.5.11-12.G.	writing products.
Integrate and evaluate multiple	RESEARCH
sources of information presented in	GRADES 9-10
diverse formatsto solve a	Standard CC.3.6.9-10.F.
problem.	Conduct short and more
Standard CC.3.5.11-12.H.	sustained research to
Evaluate the hypotheses, data,	answer a question or solve
analysis, and conclusions in a	a problem.
technical text, verifying the data when possible.	Standard CC.3.6.9- 10.G.Gather relevant
Standard CC.3.5.11-12.I.	information from multiple
	authoritative print and
Synthesize information from a range of sources into a coherent	digital sources, following a
understanding.	standard format for citation.
RANGE OF READING	Standard CC.3.6.9-10.H.
GRADES 9-10 and 11-12	Draw evidence from

		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.	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 audiencesetc.
1300 PERIODONTICS. 1301 Record periodontal probings and periodontal	<u>CLUSTER</u> :	KEY IDEAS/DETAILS	
findings.1302Provide post-operative instruction for periodontal	Health Sciences Careers	GRADES 9-10 Standard CC.3.5.9-10.A.	
procedures. 1303 RESERVED	(Choose Standards) 1-2-3-4-5-6	Cite specific textual evidence,	
1303 RESERVED	1-2-3-4-3-0	etc Standard CC.3.5.9-10B	
	PATHWAYS INCLUDE	Determine the central ideas or conclusions of a text, etc Standard CC.3.5.9-10.C	

		Search ONET and other resources to locate pathways in Health Sciences. (Select Standards following research.)	 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 	
1400	PROSTHODONTICS.			
1401	RESERVED	CLUSTER:	KEY IDEAS/DETAILS	
1402	Identify dental instruments and describe the total	Health Sciences	GRADES 9-10	
1402	process of providing a fixed prosthesis for a patient. Identify dental instruments and describe the total	Careers	Standard CC.3.5.9-10.C	
1405	process of providing a removable prosthesis for a patient.	(Choose Standards) 1-2-3-4-5-6	Follow precisely a complex multistep procedure, etc	
1404	Give instructions regarding maintenance of fixed and removable prostheses.	PATHWAYS INCLUDE	KEY IDEAS/DETAILS GRADES 11-12	
1405	Explain the concept of dental implants.	Search ONET and	Standard CC.3.5.11-12.C.	
		other resources to	Follow precisely a complex	
		locate pathways in Health Sciences.	multistep procedure, etc	
		(Select Standards following research.)		
1500	ENDODONTICS.			
	Prepare the set up for endodontic procedures.	CLUSTER:	KEY IDEAS/DETAILS	
1502	Describe the techniques involved in endodontic	Health Sciences	GRADES 9-10	
	procedures.	Careers	Standard CC.3.5.9-10.A.	
		(Choose Standards) 1-2-3-4-5-6	Cite specific textual evidence,	
		1-2-3-4-3-0	etc Standard CC.3.5.9-10B	
		PATHWAYS	Determine the central ideas or	
		INCLUDE	conclusions of a text, etc	

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

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