

Commercial and Advertising Art, Classification of Instructional Program (CIP) 50.0402 Units of Instruction and Task Grid Linked to Pennsylvania Core Standards

Common Career

Secondary Competency Task Grid

	with Unit and Task Numbers	Technical Core Standards	Reading for Technical Subjects Standard 3.5	Standards for Writing for Technical Subjects Standard 3.6	Standards for Mathematics Standard 2.1
100 101 102 103 104	ORIENTATION. Identify career paths and occupational requirements within the profession. RESERVED Demonstrate research, employability, and organizational skills. Recognize copyright laws in communication.	CAREER CLUSTER: Arts, AV Technology and Communications Career Cluster (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technology Career Pathway (Choose Standards) 1-2-3 Visual Arts Career Pathway (Choose Standards) 1-2-3 NOTE: Refer to the Common Career Technical Core Standards Booklet if you	KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.9-10. A Cite specific textual evidence, etc. Standard CC.3.5.9-10 B Standard CC.3.5.11-12. B Determine the central ideas or conclusions of a text; etc. Standard CC.3.5.9-10.C Standard CC.3.5.9-10.C Standard CC.3.5.11-12.C Follow precisely a complex multistep procedure, etc. CRAFT & STRUCTURE GRADES 9-10-11-12 Standard CC.3.5.9-10. D Standard CC.3.5.9-10. D Standard CC.3.5.11-12.D Determine the meaning of symbols, key terms, and other domain specific words. Standard CC.3.5.9-10.E Standard CC.3.5.11-12.E Analyze the structure of the		
		wish to add more	relationships among concepts in a text, etc.		

Pennsylvania Core Standards for

Pennsylvania Core

Pennsylvania Core

Pathways, for your local	Standard CC.3.5.9-10.F	
area.	Standard CC.3.5.11-12.F	
	Analyze the author's purpose in	
	providing an explanation, describing	
	a procedureand	
	Analyze the structure of the	
	relationships among concepts in a	
	text.	
	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 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.	
	unacroming.	
	RANGE OF READING	
	GRADES 9-10-11-12	
	Standard CC.3.5.9-10.J	

200 201 202 203 204 205 206	SAFETY. Operate equipment incorporating ergonomics. Use computer hardware, software and electronic equipment safely. Use and maintain hand tools safely. Use, store, and dispose of paints, solvents, and chemicals according to OSHA regulations. Practice safe cutting procedures. Practice knowledge of hazard communication law/environmental protection, to include SDS.	CAREER CLUSTER: Arts, AV Technology and Communications Career Cluster (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technology Career Pathway (Choose Standards) 1-2-3	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. KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.9-10. A Cite specific textual evidence, etc. Standard CC.3.5.9-10 B Standard CC.3.5.11-12. B Determine the central ideas or conclusions of a text; etc. Standard CC.3.5.9-10.C Standard CC.3.5.11-12.C Follow precisely a complex multistep procedure, etc. CRAFT & STRUCTURE	
		Visual Arts Career Pathway (Choose Standards) 1-2-3 NOTE: Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.	GRADES 9-10-11-12 Standard CC.3.5.9-10. D 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.3.5.9-10.E Standard CC.3.5.11-12.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Standard CC.3.5.11-12.F Analyze the author's purpose in providing an explanation, describing a procedureand Analyze the structure of the relationships among concepts in a text. 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 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 9-10-11-12
Standard CC.3.5.9-10.J
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.

300	DRAWING AND ILLUSTRATION.				l
301 302 303	Draw objects using linear perspective. Draw basic geometric and organic forms showing texture and tone. Draw line art.	CAREER CLUSTER: Arts, AV Technology and Communications Career Cluster (Choose Standards)	KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.11-12 A Cite specific textual evidence, etc. Standard CC.3.5.9-10 B	NUMBERS AND OPERATIONS Standard 2.1.HS.F.2 Apply properties of rational and irrational numbers to	

304 305 306 307	Apply anatomy concepts in drawing. Draw from direct observation. Produce illustrations using various media. Illustrate using value.	1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technology Career Pathway (Choose Standards) 1-2-3 Visual Arts Career Pathway (Choose Standards) 1-2-3 NOTE: Refer to the Common	Standard CC.3.5.11-12. B Determine the central ideas or conclusions of a text; etc. Standard CC.3.5.9-10. C Standard CC.3.5.11-12. C Follow precisely a complex multistep procedure, etc. CRAFT & STRUCTURE GRADES 9-10-11-12 Standard CC.3.5.9-10. D Standard CC.3.5.11-12.D Determine the meaning of symbols, key terms, and other domain specific words. Standard CC.3.5.9-10.E Standard CC.3.5.9-10.E	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.
		NOTE:	key terms, and other domain specific words.	Extend the knowledge of arithmetic operations and

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INTEGRATE KNOWLEDGE & IDEAS GRADES 11-12 Standard 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 9-10-11-12 Standard CC.3.5.9-10.J 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.

400	COLOR THEORY AND APPLICATION.				
401 402 403	Apply the basic structure of color (hue, saturation, brightness) to generate color solutions. Apply appropriate color schemes to generate design solutions. Identify color models including additive and subtractive color.	CAREER CLUSTER: Arts, AV Technology and Communications Career Cluster (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technology Career Pathway (Choose Standards) 1-2-3 Visual Arts Career Pathway (Choose Standards)	KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.11-12 A Cite specific textual evidence, etc. Standard CC.3.5.9-10 B Standard CC.3.5.11-12. B Determine the central ideas or conclusions of a text; etc. Standard CC.3.5.9-10.C Standard CC.3.5.11-12.C Follow precisely a complex multistep procedure, etc. CRAFT & STRUCTURE GRADES 9-10-11-12 Standard CC.3.5.9-10. D Standard CC.3.5.11-12.D	TEXT TYPES AND PURPOSE GRADES 9-10-11-12 Standard CC.3.6.9-10.A Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Standard CC.3.6.9-10.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10-11-12 Standard CC.3.6.9-10.C	

1-2-3 Standard CC.3.6.11-12 C Determine the meaning of symbols, key terms, and other domain specific Produce clear and coherent words. writing...appropriate to task, NOTE: purpose, and audience. Standard CC.3.5.9-10.E **Refer to the Common** Standard CC.3.6.9-10 D Standard CC.3.5.11-12.E Career Technical Core Standard CC.3.6.11-12.D Analyze the structure of the Standards Booklet if you Develop and strengthen relationships among concepts in a wish to add more writing as needed by text, etc. Pathways, for your local planning, revising, editing, **Standard CC.3.5.9-10.F** area. rewriting, or trying a new Standard CC.3.5.11-12.F approach, focusing on Analyze the author's purpose in addressing what is most providing an explanation, describing significant for a specific a procedure...and purpose and audience. Analyze the structure of the **Standard CC.3.6.9-10.E** relationships among concepts in a Standard CC.3.6.11-12.E. Use technology, including the internet, to produce, INTEGRATE KNOWLEDGE & publish, and update **IDEAS** individual or shared writing **GRADES 9-10** products. **Standard CC.3.5.9-10.G** RESEARCH Translate quantitative or technical GRADES 9-10-11-12 information expressed in a text into Standard CC.3.6.9-10.F visual form (e.g. a table or chart). Standard CC.3.6.11-12.F **Standard CC.3.5.9-10. H** Conduct short and more Assess the reasoning in a text to sustained research to support the author's claim for solving answer a question or solve a technical problem. a problem. Standard CC.3.5.9-10. I Standard CC.3.6.9-10.G. Compare and contrast findings Standard CC.3.6.11-12.G presented in a text to those from Gather relevant information other sources, etc. from multiple authoritative print and digital sources, following a standard format INTEGRATE KNOWLEDGE & for citation. **IDEAS** Standard CC.3.6.9-10.H. **GRADES 11-12** Standard CC.3.6.11-12.H. Standard CC.3.5.11-12. G Draw evidence from Integrate and evaluate multiple informational texts to support sources of information presented in analysis, reflection, and diverse formats...to solve a problem. research. Standard CC.3.5.11-12. H Evaluate the hypotheses, data, RANGE OF WRITING analysis, and conclusions in a **GRADES 9-10-11-12** technical text, verifying the data Standard CC.3.5.9-10.I & when possible.

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Standard CC.3.5.11-12. I Synthesize information from a range	Standard CC.3.5.11-12.I. Write routinely over
of sources into a coherent	extended time frames and
understanding.	shorter time frames for a
	range of tasks, purposes and
RANGE OF READING	audiencesetc.
GRADES 9-10-11-12	
Standard CC.3.5.9-10.J	
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.	

Sol DIGITAL IMAGING. Sol Execute image scanning procedures. Sol Execute image scanning procedures. Sol Utilize basic functions of a page layout software. Sol Utilize a basic functions of a page layout software. Sol Utilize a basic functions of a vector-based drawing program. Sol Utilize basic functions of a raster-based image editing software. Sol Utilize basic functions of a raster-based image editing software. Sol Utilize basic functions of a raster-based image editing software. PATHWAYS INCLUDE: Printing Technology Career Pathway (Chose Standards) 1-2-3 Standard CC.3.5.9-10. S				12, read and comprehend technical texts independently and proficiently.		
1	501 502 503 504 505 506 507 508 509 510 511	Execute image scanning procedures. Identify the properties of vector and raster images. Utilize basic functions of a page layout software. Utilize intermediate functions of a page layout software. Utilize a basic functions of a vector-based drawing program. Utilize intermediate functions of a vector-based drawing program. Utilize basic functions of a raster-based image editing software. Utilize intermediate functions of a raster-based image editing software. Utilize intermediate functions of a raster-based image editing software. Utilize use of input, output and storage devices. Utilize different file formats correctly. Organize and manage digital files.	Arts, AV Technology and Communications Career Cluster (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technology Career Pathway (Choose Standards) 1-2-3 Visual Arts Career Pathway (Choose Standards) 1-2-3 NOTE: Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local	KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.9-10 B Standard CC.3.5.9-10 B Standard CC.3.5.11-12. B Determine the central ideas or conclusions of a text; etc. Standard CC.3.5.9-10. C Standard CC.3.5.9-10. C Standard CC.3.5.11-12. C Follow precisely a complex multistep procedure, etc. CRAFT & STRUCTURE GRADES 9-10-11-12 Standard CC.3.5.9-10. D Standard CC.3.5.9-10. D Standard CC.3.5.11-12.D Determine the meaning of symbols, key terms, and other domain specific words. Standard CC.3.5.9-10.E Standard CC.3.5.11-12.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.9-10.F Standard CC.3.5.11-12.F	PURPOSE GRADES 9-10-11-12 Standard CC.3.6.9-10.A Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Standard CC.3.6.9-10.B Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10-11-12 Standard CC.3.6.9-10.C Standard CC.3.6.11-12 C Produce clear and coherent writingappropriate 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	OPERATIONS 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. GEOMETRY Standard 2.3.HS.A.13 Analyze relationships between two dimensional and three dimensional

Analyze the structure of the relationships among concepts in a text.

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 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 9-10-11-12 Standard CC.3.5.9-10.J

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.3.6.9-10.E Standard CC.3.6.11-12.E.

Use technology, including the internet, to produce, publish, and update individual or shared writing products.

RESEARCH GRADES 9-10-11-12 Standard CC.3.6.9-10.F Standard CC.3.6.11-12.F

Conduct short and more sustained research to answer a question or solve a problem.

Standard CC.3.6.9-10.G. 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.3.6.9-10.H. Standard CC.3.6.11-12.H.

Draw evidence from informational texts to support analysis, reflection, and research.

RANGE OF WRITING GRADES 9-10-11-12 Standard CC.3.5.9-10.1 & 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.

600	DESIGN, LAYOUT, AND PRODUCTION.				
601 602 603 604 605 606 607 608 609 610 611	Research the history of advertising design. Apply elements and principles of design. Interpret a creative or design brief. Produce thumbnails, roughs and comprehensive. Design a logo. Create a design for a package. Utilize basic knowledge of printing processes. Design promotional materials. Prepare files for output. Utilize printer's marks and prepare color separations. Execute knowledge of basic math, proportions, and measurements.	CAREER CLUSTER: Arts, AV Technology and Communications Career Cluster (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technology Career Pathway (Choose Standards) 1-2-3 Visual Arts Career Pathway (Choose Standards) 1-2-3 NOTE: Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.	KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.9-10. B Standard CC.3.5.9-10 B Standard CC.3.5.9-10 B Standard CC.3.5.9-10.C Standard CC.3.5.9-10.C Standard CC.3.5.11-12.C Follow precisely a complex multistep procedure, etc. CRAFT & STRUCTURE GRADES 9-10-11-12 Standard CC.3.5.9-10. D Standard CC.3.5.9-10. D Standard CC.3.5.11-12.D Determine the meaning of symbols, key terms, and other domain specific words. Standard CC.3.5.9-10.E Standard CC.3.5.9-10.E Standard CC.3.5.11-12.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.11-12.F Analyze the author's purpose in providing an explanation, describing a procedureand Analyze the structure of the relationships among concepts in a text. 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	TEXT TYPES AND PURPOSE GRADES 9-10-11-12 Standard CC.3.6.9-10.A Standard CC.3.6.9-10.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Standard CC.3.6.9-10.B Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10-11-12 Standard CC.3.6.9-10.C Standard CC.3.6.9-10.C Standard CC.3.6.11-12 C Produce clear and coherent writingappropriate 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.3.6.9-10.E Standard CC.3.6.9-10.E Standard CC.3.6.11-12.E. Use technology, including the internet, to produce, publish, and update individual or shared writing products. RESEARCH GRADES 9-10-11-12 Standard CC.3.6.9-10.F Standard CC.3.6.9-10.F Standard CC.3.6.11-12.F	NUMBERS AND OPERATIONS 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. GEOMETRY Standard 2.3.HS.A.13 Analyze relationships between two dimensional and three dimensional objects.

	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 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 9-10-11-12 Standard CC.3.5.9-10.J Standard CC.3.5.11-12.J	sustained research to answer a question or solve a problem. Standard CC.3.6.9-10.G. 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.3.6.9-10.H. Standard CC.3.6.11-12.H. Draw evidence from informational texts to support analysis, reflection, and research. RANGE OF WRITING GRADES 9-10-11-12 Standard CC.3.5.9-10.I & 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.	
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700	TYPOGRAPHY.				
701 702 703 704	Identify the anatomy and classification of type. Identify typographic styles. Manipulate type through character and paragraph formatting. Choose and apply appropriate typeface.	CAREER CLUSTER: Arts, AV Technology and Communications Career Cluster (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technology Career Pathway	KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.11-12 A Cite specific textual evidence, etc. Standard CC.3.5.9-10 B Standard CC.3.5.11-12. B Determine the central ideas or conclusions of a text; etc. Standard CC.3.5.9-10.C Standard CC.3.5.11-12.C Follow precisely a complex multistep procedure, etc.	TEXT TYPES AND PURPOSE GRADES 9-10-11-12 Standard CC.3.6.9-10.A Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc.	NUMBERS AND OPERATIONS 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.

(Choose Standards) Standard 2.1.HS.F.5 PRODUCTION & 1-2-3 **CRAFT & STRUCTURE** Choose a level of accuracy **DISTRIBUTION OF** appropriate to limitations on **Visual Arts Career GRADES 9-10-11-12** WRITING measurement when Pathway Standard CC.3.5.9-10. D GRADES 9-10-11-12 reporting quantities. (Choose Standards) Standard CC.3.5.11-12.D **Standard CC.3.6.9-10.C** Standard 2.1.HS.F.6 1-2-3 Determine the meaning of symbols, Standard CC.3.6.11-12 C Extend the knowledge of key terms, and other domain specific Produce clear and coherent arithmetic operations and words. writing...appropriate to task, NOTE: apply to complex numbers. purpose, and audience. Standard CC.3.5.9-10.E Refer to the Common Standard CC.3.6.9-10 D Standard CC.3.5.11-12.E **Career Technical Core** Standard CC.3.6.11-12.D Analyze the structure of the Standards Booklet if you Develop and strengthen relationships among concepts in a wish to add more writing as needed by text, etc. Pathways, for your local planning, revising, editing, Standard CC.3.5.9-10.F area. rewriting, or trying a new Standard CC.3.5.11-12.F approach, focusing on Analyze the author's purpose in addressing what is most providing an explanation, describing significant for a specific a procedure...and purpose and audience. Analyze the structure of the **Standard CC.3.6.9-10.E** relationships among concepts in a Standard CC.3.6.11-12.E. Use technology, including the internet, to produce, INTEGRATE KNOWLEDGE & publish, and update **IDEAS** individual or shared writing **GRADES 9-10** products. Standard CC.3.5.9-10.G Translate quantitative or technical RESEARCH GRADES 9-10-11-12 information expressed in a text into **Standard CC.3.6.9-10.F** visual form (e.g. a table or chart). Standard CC.3.6.11-12.F Standard CC.3.5.9-10. H Conduct short and more Assess the reasoning in a text to sustained research to answer support the author's claim for solving a question or solve a a technical problem. problem. Standard CC.3.5.9-10. I Standard CC.3.6.9-10.G. Compare and contrast findings Standard CC.3.6.11-12.G presented in a text to those from Gather relevant information other sources, etc. from multiple authoritative print and digital sources, following a standard format INTEGRATE KNOWLEDGE & for citation. **IDEAS** Standard CC.3.6.9-10.H. **GRADES 11-12** Standard CC.3.6.11-12.H. Standard CC.3.5.11-12. G Draw evidence from

informational texts to support

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.	analysis, reflection, and research. RANGE OF WRITING GRADES 9-10-11-12 Standard CC.3.5.9-10.1 & 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.
RANGE OF READING GRADES 9-10-11-12 Standard CC.3.5.9-10.J 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.	

800	DIGITAL PHOTOGRAPHY.			
801 802 803 804 805	Compose a photograph through the lens. Differentiate lighting options and their effects. Stabilize camera. Download and manage digital images. Arts, AV Technolog Communications Coluster (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technolog Career Pathway (Choose Standards) 1-2-3 Visual Arts Career Pathway (Choose Standards) 1-2-3 NOTE: Refer to the Commonications Communications Communicatio	(Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technology Career Pathway (Choose Standards) 1-2-3 Visual Arts Career Pathway	KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.11-12 A Cite specific textual evidence, etc. Standard CC.3.5.9-10 B Standard CC.3.5.11-12. B Determine the central ideas or conclusions of a text; etc. Standard CC.3.5.9-10. C Standard CC.3.5.11-12. C Follow precisely a complex multistep procedure, etc. CRAFT & STRUCTURE GRADES 9-10-11-12 Standard CC.3.5.9-10. D	TEXT TYPES AND PURPOSE GRADES 9-10-11-12 Standard CC.3.6.9-10.A Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10-11-12
		·	Standard CC.3.5.11-12.D Determine the meaning of symbols, key terms, and other domain specific	Standard CC.3.6.9-10.C Standard CC.3.6.11-12 C
		NOTE: Refer to the Common Career Technical Core	words. Standard CC.3.5.9-10.E Standard CC.3.5.11-12.E	Produce clear and coherent writingappropriate to task, purpose, and audience.

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

900	PROFESSIONAL PRACTICES.		RANGE OF READING GRADES 9-10-11-12 Standard CC.3.5.9-10.J 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.	range of tasks, purposes and audiencesetc.	
901 902 903 904 905 906 907	Prepare and present a visual concept presentation. Estimate time and and/or materials for a project. RESERVED Matte and mount works of art. Participate in critiques of commercial art projects. Explore current industry trends.	CAREER CLUSTER: Arts, AV Technology and Communications Career Cluster (Choose Standards) 1-2-3-4-5-6 PATHWAYS INCLUDE: Printing Technology Career Pathway (Choose Standards) 1-2-3 Visual Arts Career Pathway (Choose Standards) 1-2-3 NOTE: Refer to the Common Career Technical Core Standards Booklet if you wish to add more Pathways, for your local area.	KEY IDEAS/DETAILS GRADES 9-10-11-12 Standard CC.3.5.9-10. A Standard CC.3.5.9-10. A Cite specific textual evidence, etc. Standard CC.3.5.9-10 B Standard CC.3.5.11-12. B Determine the central ideas or conclusions of a text; etc. Standard CC.3.5.9-10. C Standard CC.3.5.9-10. C Standard CC.3.5.11-12. C Follow precisely a complex multistep procedure, etc. CRAFT & STRUCTURE GRADES 9-10-11-12 Standard CC.3.5.9-10. D Standard CC.3.5.9-10. D Standard CC.3.5.11-12.D Determine the meaning of symbols, key terms, and other domain specific words. Standard CC.3.5.9-10.E Standard CC.3.5.11-12.E Analyze the structure of the relationships among concepts in a text, etc. Standard CC.3.5.11-12.F Analyze the author's purpose in providing an explanation, describing a procedureand Analyze the structure of the relationships among concepts in a text.	TEXT TYPES AND PURPOSE GRADES 9-10-11-12 Standard CC.3.6.9-10.A Standard CC.3.6.11-12.A Write arguments focused on discipline specific content. Standard CC.3.6.9-10.B Standard CC.3.6.9-10.B Standard CC.3.6.11-12.B Write informative or explanatory texts, including the narration of technical processes, etc. PRODUCTION & DISTRIBUTION OF WRITING GRADES 9-10-11-12 Standard CC.3.6.9-10.C Standard CC.3.6.11-12 C Produce clear and coherent writingappropriate 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.3.6.9-10.E Standard CC.3.6.11-12.E. Use technology, including the internet, to produce,	NUMBERS AND OPERATIONS 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.

publish, and update INTEGRATE KNOWLEDGE & individual or shared writing **IDEAS** products. **GRADES 9-10 Standard CC.3.5.9-10.G** RESEARCH Translate quantitative or technical GRADES 9-10-11-12 information expressed in a text into **Standard CC.3.6.9-10.F** visual form (e.g. a table or chart). Standard CC.3.6.11-12.F Standard CC.3.5.9-10. H Conduct short and more sustained research to answer Assess the reasoning in a text to a question or solve a support the author's claim for solving problem. a technical problem. Standard CC.3.6.9-10.G. Standard CC.3.5.9-10. I Standard CC.3.6.11-12.G Compare and contrast findings Gather relevant information presented in a text to those from from multiple authoritative other sources, etc. print and digital sources, following a standard format INTEGRATE KNOWLEDGE & for citation. **IDEAS** Standard CC.3.6.9-10.H. **GRADES 11-12** Standard CC.3.6.11-12.H. Draw evidence from Standard CC.3.5.11-12. G informational texts to support Integrate and evaluate multiple analysis, reflection, and sources of information presented in research. diverse formats...to solve a problem. Standard CC.3.5.11-12. H RANGE OF WRITING Evaluate the hypotheses, data, analysis, and conclusions in a GRADES 9-10-11-12 technical text, verifying the data Standard CC.3.5.9-10.I & Standard CC.3.5.11-12.I. when possible. Standard CC.3.5.11-12. I Write routinely over Synthesize information from a range extended time frames and of sources into a coherent shorter time frames for a understanding. range of tasks, purposes and audiences...etc. RANGE OF READING **GRADES 9-10-11-12** Standard CC.3.5.9-10.J 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.