Subject	§126. Technology Applications			
Course Title	126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
(a) General requirements. Districts ha	ive the flexibility of offering technologies	ogy applications in a variety o	f settings. Districts are encourage	ed to offer technology
applications in all content areas. This content may also be offered in a specific class while being integrated in all content areas.				
(b) Introduction.				

- (1) The technology applications curriculum has six strands based on the National Educational Technology Standards for Students (NETS•S) and performance indicators developed by the International Society for Technology in Education (ISTE): creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and technology operations and concepts.
- (2) Through the study of technology applications, students make informed decisions by understanding current and emerging technologies, including technology systems, appropriate digital tools, and personal learning networks. As competent researchers and responsible digital citizens, students use creative and computational thinking to solve problems while developing career and college readiness skills.
- (3) Statements that contain the word "including" reference content that must be mastered, while those containing the phrase "such as" are intended as possible illustrative examples.

(c) Knowledge and Skills.			
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:		(i) identify files in various formats	
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:		(ii) create files in various formats	
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(A) identify, create, and use files in various formats such as text, raster and vector graphics, video, and audio files	(iii) use files in various formats	

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills) (1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to: (1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is	9	(i) explore complex systems	Element	Subelement
expected to: (1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(C) explore complex systems or issues using models, simulations, and new technologies to make predictions, modify input, and review results	(ii) explore complex systems or issues using models to modify input		
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(C) explore complex systems or issues using models, simulations, and new technologies to make predictions, modify input, and review results	(iii) explore complex systems or issues using models to review results		
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	1	(iv) explore complex systems or issues using simulations to make predictions		

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Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(C) explore complex systems or issues using models, simulations, and new technologies to make predictions, modify input, and review results	(v) explore complex systems or issues using simulations to modify input		
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(C) explore complex systems or issues using models, simulations, and new technologies to make predictions, modify input, and review results	(vi) explore complex systems or issues using simulations to review results		
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(C) explore complex systems or issues using models, simulations, and new technologies to make predictions, modify input, and review results	(vii) explore complex systems or issues using new technologies to make predictions		
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(C) explore complex systems or issues using models, simulations, and new technologies to make predictions, modify input, and review results	(viii) explore complex systems or issues using new technologies to modify input		
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(C) explore complex systems or issues using models, simulations, and new technologies to make predictions, modify input, and review results	(ix) explore complex systems or issues using new technologies to review results		

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Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(D) discuss trends and possible outcomes	(i) discuss trends		
(1) Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge, generate new ideas, and create products. The student is expected to:	(D) discuss trends and possible outcomes	(ii) discuss possible outcomes		
(2) Communication and collaboration. The student collaborates and communicates both locally and globally to reinforce and promote learning. The student is expected to:	learning networks to collaborate with peers, experts, or others	(i) participate in personal learning networks to collaborate with peers, experts, or others using digital tools		
(2) Communication and collaboration. The student collaborates and communicates both locally and globally to reinforce and promote learning. The student is expected to:	(B) communicate effectively with multiple audiences using a variety of media and formats	(i) communicate effectively with multiple audiences using a variety of media		
(2) Communication and collaboration. The student collaborates and communicates both locally and globally to reinforce and promote learning. The student is expected to:	(B) communicate effectively with multiple audiences using a variety of media and formats	(ii) communicate effectively with multiple audiences using a variety of formats		

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Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills) (2) Communication and collaboration. The student collaborates and communicates both locally and globally to reinforce and promote learning. The student is expected to:	(C) read and discuss examples of technical writing	(i) read examples of technical writing	Element	Subelement
(2) Communication and collaboration. The student collaborates and communicates both locally and globally to reinforce and promote learning. The student is expected to:	(C) read and discuss examples of technical writing	(ii) discuss examples of technical writing		
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to:	(A) create a research plan to guide inquiry			
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to:	search strategies, including keyword(s) and Boolean	(i) discuss various search strategies including keyword(s)		
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to:	search strategies, including keyword(s) and Boolean	(ii) discuss various search strategies including Boolean operators		

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Course Title	§126.14. Technology Application	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to:	(B) discuss and use various search strategies, including keyword(s) and Boolean operators	(iii) use various search strategies including keyword(s)		
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to:	search strategies, including keyword(s) and Boolean	(iv) use various search strategies including Boolean operators		
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to:	(C) select and evaluate various types of digital resources for accuracy and validity	(i) select various types of digital resources for accuracy		
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to:	(C) select and evaluate various types of digital resources for accuracy and validity	(ii) select various types of digital resources for validity		
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to:	types of digital resources for accuracy and validity	(iii) evaluate various types of digital resources for accuracy		

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TEKS (Knowledge and Skills) (3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student is expected to: (3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student is expected to: (b) process data and communicate results (ii) communicate results (iii) communicate results (iv) valuate various types of digital resources for validity (iv) evaluate various types of digital resources for validity (iv) valuate various types of digital resources for validity (iv) valuate various types of digital resources for validity (iii) communicate results (iv) identify relevant problems for investigation (iv) identify significant questions for investigation problems and significant questions for investigation questions for investigation	Subject	§126. Technology Applications			
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student sexpected to: (3) Research and information fluency. The student from digital resources for waldity (3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student is expected to: (A) Critical thinking and problem-solving skills. The student is expected to: (A) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying ortical-thinking, problems and significant questions for investigation (A) Critical thinking, problem solving, and decision making. The student makes informed decision by applying value for investigation and decision making. The student problems and significant proble	Course Title	§126.14. Technology Application	ons, Grade 6, Beginning with	School Year 2012-2013	
The student acquires, analyzes, and manages content from digital resources. The student is expected to: (D) process data and communicate results (D) process data (E) process data (D) process data (E) process data (D) process data (E) process data (D) process data (E) process data (D) process data	TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
manages content from digital resources. The student is expected to: (D) process data and communicate results resources. The student acquires, analyzes, and manages content from digital resources. The student is expected to: (D) process data and communicate results resources. The student is expected to: (D) process data and communicate results resources. The student acquires, analyzes, and manages content from digital resources. The student is expected to: (A) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying skills. The student is expected to: (A) Critical thinking, problem solving, skills. The student is expected to: (A) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying thinking, problem solving, skills. The student is expected to: (A) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying the problems and significant questions for investigation relevant problems and significant questions for investigation relevant questions for investigation questions for investigation relevant questions for investigation relevant questions for investigation questions for investigation	(3) Research and information fluency.	(C) select and evaluate various	(iv) evaluate various types		
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student is expected to: (D) process data and communicate results (E) process data and communicate results (E) process data and communicate results (E) process data and communicate results (II) communicate results (III) communicate results (IV) identify relevant problems for investigation	The student acquires, analyzes, and	types of digital resources for	of digital resources for		
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to: (3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student acquires, analyzes, and manages content from digital resources. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying skills. The student is expected to: (5) process data and communicate results (ii) communicate results (iii) communicate results (iii) communicate results (iv) identify relevant problems for investigation			validity		
Communicate results communicate results communicate results communicate results communicate results (ii) communicate results (iii) communicate results (iv) communicate results (iv) communicate results (iv) communicate results communicate results (iv) communicate results	resources. The student is expected to:				
Communicate results communicate results communicate results communicate results communicate results (ii) communicate results (iii) communicate results (iv) communicate results (iv) communicate results (iv) communicate results communicate results (iv) communicate results					
Communicate results communicate results communicate results communicate results communicate results (ii) communicate results (iii) communicate results (iv) communicate results (iv) communicate results (iv) communicate results communicate results (iv) communicate results					
Communicate results communicate results communicate results communicate results communicate results (ii) communicate results (iii) communicate results (iv) communicate results (iv) communicate results (iv) communicate results communicate results (iv) communicate results	(3) Research and information fluency.	(D) process data and	(i) process data		
manages content from digital resources. The student is expected to: (3) Research and information fluency. (D) process data and communicate results The student acquires, analyzes, and manages content from digital resources. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to: (4) Critical thinking, problem solving, skills. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student problems and significant questions for investigation (4) Critical thinking, problem solving, and decision making. The student problems and significant questions for investigation (4) Critical thinking, problem solving, and decision making. The student problems and significant questions for investigation	· ·				
(3) Research and information fluency. The student acquires, analyzes, and manages content from digital resources. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to: (4) Critical thinking and problem-solving skills. The student is expected to: (5) identify relevant problems for investigation for investigation for investigation (ii) identify significant questions for investigation questions for investigation questions for investigation questions for investigation	manages content from digital				
The student acquires, analyzes, and manages content from digital resources. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying skills. The student is expected to: (A) identify and define relevant problems and significant questions for investigation (i) identify relevant problems for investigation (ii) identify relevant problems for investigation (iii) identify significant questions for investigation	resources. The student is expected to:				
The student acquires, analyzes, and manages content from digital resources. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying skills. The student is expected to: (A) identify and define relevant problems and significant questions for investigation (i) identify relevant problems for investigation (ii) identify relevant problems for investigation (iii) identify significant questions for investigation					
The student acquires, analyzes, and manages content from digital resources. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to: (4) Critical thinking, problem solving, and decision making, problem solving skills. The student is expected to: (5) identify relevant problems for investigation (i) identify relevant problems for investigation (ii) identify significant questions for investigation (iii) identify significant questions for investigation					
The student acquires, analyzes, and manages content from digital resources. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to: (4) Critical thinking, problem solving, and decision making, problem solving skills. The student is expected to: (5) identify relevant problems for investigation (i) identify relevant problems for investigation (ii) identify significant questions for investigation (iii) identify significant questions for investigation	(3) Research and information fluency.	(D) process data and	(ii) communicate results		
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying skills. The student is expected to: (A) identify and define relevant problems and significant questions for investigation (i) identify relevant problems for investigation (ii) identify relevant problems for investigation (iii) identify relevant problems for investigation (iv) identify relevant problems for investigation (iv) identify relevant problems for investigation (iv) identify relevant problems for investigation	The student acquires, analyzes, and	communicate results			
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to: (A) identify and define relevant problems for investigation (i) identify relevant problems for investigation (ii) identify relevant problems for investigation (iii) identify relevant problems for investigation (iii) identify significant questions for investigation	manages content from digital				
and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying makes informed decisions by applying and significant questions for investigation (A) identify and define relevant questions for investigation (ii) identify significant questions for investigation	resources. The student is expected to:				
and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying makes informed decisions by applying and significant questions for investigation (A) identify and define relevant questions for investigation (ii) identify significant questions for investigation					
and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying makes informed decisions by applying and significant questions for investigation (A) identify and define relevant questions for investigation (ii) identify significant questions for investigation					
makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying makes informed decisions by applying makes informed decisions by applying makes informed decisions and significant questions for investigation (ii) identify significant questions for investigation	(4) Critical thinking, problem solving,	(A) identify and define relevant	(i) identify relevant problems		
critical-thinking and problem-solving skills. The student is expected to: (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying makes informed decisions by applying makes informed decisions and significant questions for investigation (ii) identify significant questions for investigation	•	i.	for investigation		
skills. The student is expected to: (4) Critical thinking, problem solving, and define relevant and decision making. The student makes informed decisions by applying questions for investigation (A) identify and define relevant questions for investigation		questions for investigation			
(4) Critical thinking, problem solving, and define relevant and decision making. The student makes informed decisions by applying questions for investigation (ii) identify significant questions for investigation					
and decision making. The student problems and significant questions for investigation questions for investigation	skills. The student is expected to:				
and decision making. The student problems and significant questions for investigation questions for investigation					
makes informed decisions by applying questions for investigation	(4) Critical thinking, problem solving,	(A) identify and define relevant	(ii) identify significant		
	and decision making. The student	i.	questions for investigation		
		questions for investigation			
	critical-thinking and problem-solving				
skills. The student is expected to:	skills. The student is expected to:				

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(4) Critical thinking, problem solving,	(A) identify and define relevant problems and significant	Breakout (iii) define relevant problems for investigation	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	(A) identify and define relevant problems and significant questions for investigation	(iv) define significant questions for investigation		
makes informed decisions by applying	computer program, or complete a	(i) plan activities to develop a solution, design a computer program, or complete a project		
makes informed decisions by applying		develop a solution, design a		
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	identify solutions and make	(i) collect data to identify solutions		

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Course Title	§126.14. Technology Application	ons, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills) (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	Student Expectation (C) collect and analyze data to identify solutions and make informed decisions	(ii) collect data to make informed decisions	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	(C) collect and analyze data to identify solutions and make informed decisions	(iii) analyze data to identify solutions		
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	(C) collect and analyze data to identify solutions and make informed decisions	(iv) analyze data to make informed decisions		
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	(D) use multiple processes and diverse perspectives to explore alternative solutions	(i) use multiple processes to explore alternative solutions		
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	(D) use multiple processes and diverse perspectives to explore alternative solutions	(ii) use diverse perspectives to explore alternative solutions		

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Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills) (4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	Student Expectation (E) make informed decisions and support reasoning	Breakout (i) make informed decisions	Element	Subelement
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	(E) make informed decisions and support reasoning	(ii) support reasoning		
(4) Critical thinking, problem solving, and decision making. The student makes informed decisions by applying critical-thinking and problem-solving skills. The student is expected to:	(F) transfer current knowledge to the learning of newly encountered technologies			
ethical behavior while using	(A) understand copyright principles, including current laws, fair use guidelines, creative commons, open source, and public domain	(i) understand copyright principles including current laws		
(5) Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using technology tools and resources. The student is expected to:	(A) understand copyright principles including current laws, fair use guidelines, creative commons, open source, and public domain	(ii) understand copyright principles including fair use guidelines		

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Course Title	§126.14. Technology Application	ns, Grade 6, Beginning with	School Year 2012-2013	
		Breakout	Element	Subelement
` ,	(A) understand copyright	(iii) understand copyright		
		principles including creative		
•	,	commons		
	commons, open source, and			
student is expected to:	public domain			
(5) Digital citizenship. The student	(A) understand copyright	(iv) understand copyright		
practices safe, responsible, legal, and		principles including open		
	-	source		
	commons, open source, and			
	public domain			
·				
(5) Digital citizenship. The student	(A) understand copyright	(v) understand copyright		
		principles including public		
· ·	,	domain		
<u> </u>	commons, open source, and			
student is expected to:	public domain			
` ,	` / !	(i) practice ethical		
, , , , , ,	information and standard	acquisition of information		
	methods for citing sources			
technology tools and resources. The				
student is expected to:				
. , .	(B) practice ethical acquisition of			
practices safe, responsible, legal, and		methods for citing sources		
•	methods for citing sources			
technology tools and resources. The				
student is expected to:				

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Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills)		Breakout	Element	Subelement
(5) Digital citizenship. The student	(C) practice safe and appropriate	(i) practice safe online		
practices safe, responsible, legal, and	online behavior, personal security	behavior		
ethical behavior while using	guidelines, digital identity, digital			
<u> </u>	etiquette, and acceptable use of			
student is expected to:	technology			
(5) Digital citizenship. The student	(C) practice safe and appropriate	(ii) practice appropriate		
practices safe, responsible, legal, and	online behavior, personal security			
ethical behavior while using	guidelines, digital identity, digital			
technology tools and resources. The	etiquette, and acceptable use of			
student is expected to:	technology			
(5) Digital citizenship. The student	(C) practice safe and appropriate			
	online behavior, personal security	security guidelines		
ethical behavior while using	guidelines, digital identity, digital			
technology tools and resources. The	etiquette, and acceptable use of			
student is expected to:	technology			
(5) Digital citizenship. The student	(C) practice safe and appropriate			
practices safe, responsible, legal, and				
ethical behavior while using	guidelines, digital identity, digital			
technology tools and resources. The	etiquette, and acceptable use of			
student is expected to:	technology			
(5) Digital citizanahin. The et edent	(C) proceeding and approximate	(.) prostice digital ation-th-		
(5) Digital citizenship. The student practices safe, responsible, legal, and	(C) practice safe and appropriate online behavior, personal security			
ethical behavior while using	guidelines, digital identity, digital			
technology tools and resources. The	etiquette, and acceptable use of			
student is expected to:	technology			
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TEKS (Knowledge and Skills) (5) Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using technology tools and resources. The student is expected to:	(C) practice safe and appropriate online behavior, personal security guidelines, digital identity, digital etiquette, and acceptable use of technology		Element	Subelement
(5) Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using technology tools and resources. The student is expected to:		(i) understand the negative impact of inappropriate technology use, including online bullying		
(5) Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using technology tools and resources. The student is expected to:	(D) understand the negative impact of inappropriate technology use, including online bullying and harassment, hacking, intentional virus setting, invasion of privacy, and piracy such as software, music, video, and other media	(ii) understand the negative impact of inappropriate technology use, including online harassment		
(5) Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using technology tools and resources. The student is expected to:	(D) understand the negative impact of inappropriate technology use, including online bullying and harassment, hacking, intentional virus setting, invasion of privacy, and piracy such as software, music, video, and other media	(iii) understand the negative impact of inappropriate technology use, including hacking		

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TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
ethical behavior while using		(iv) understand the negative impact of inappropriate technology use, including intentional virus setting		
(5) Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using technology tools and resources. The student is expected to:	(D) understand the negative impact of inappropriate technology use, including online bullying and harassment, hacking, intentional virus setting, invasion of privacy, and piracy such as software, music, video, and other media	(v) understand the negative impact of inappropriate technology use, including invasion of privacy		
(5) Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using technology tools and resources. The student is expected to:	(D) understand the negative impact of inappropriate technology use, including online bullying and harassment, hacking, intentional virus setting, invasion of privacy, and piracy such as software, music, video, and other media	(vi) understand the negative impact of inappropriate technology use, including piracy		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:		(i) define current technology terminology appropriately		

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Course Title	§126.14. Technology Application	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills) (6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	(A) define and use current technology terminology	Breakout (ii) use current technology terminology appropriately	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	•	(i) select technology tools based on licensing		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	•	(ii) select technology tools based on application		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	5	(iii) select technology tools based on support		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	(C) identify, understand, and use operating systems	(i) identify operating systems		

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and	(C) identify, understand, and use	(ii) understand operating		
concepts. The student demonstrates a	operating systems	systems		
thorough understanding of technology				
concepts, systems, and operations.				
The student is expected to:				
(6) Technology operations and	(C) identify, understand, and use	(iii) use operating systems		
concepts. The student demonstrates a	. ,	, , , ,		
thorough understanding of technology				
concepts, systems, and operations.				
The student is expected to:				
(6) Technology operations and	(D) understand and use software	(i) understand software		
concepts. The student demonstrates a	applications, including selecting	applications, including		
thorough understanding of technology	and using software for a defined	selecting software for a		
concepts, systems, and operations.	task	defined task		
The student is expected to:				
(6) Technology operations and	(D) understand and use software	(ii) understand software		
concepts. The student demonstrates a		applications, including using		
thorough understanding of technology		software for a defined task		
	task			
The student is expected to:				
(6) Technology operations and	(D) understand and use software	(iii) use software		
concepts. The student demonstrates a		applications, including		
· · · · · · · · · · · · · · · · · · ·	and using software for a defined	selecting software for a		
concepts, systems, and operations.	task	defined task		
The student is expected to:				

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:		(iv) use software applications, including using software for a defined task		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:		(i) identify hardware systems		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	(E) identify, understand, and use hardware systems	(ii) understand hardware systems		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:		(iii) use hardware systems		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	(F) understand troubleshooting techniques such as restarting systems, checking power issues, resolving software compatibility, verifying network connectivity, connecting to remote resources, and modifying display properties	(i) understand troubleshooting techniques		

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Application	ns, Grade 6, Beginning with	School Year 2012-2013	
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
The student is expected to:	(G) demonstrate effective file management strategies such as file naming conventions, location, backup, hierarchy, folder structure, file conversion, tags, labels, and emerging digital organizational strategies	(i) demonstrate effective file management strategies		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	(H) discuss how changes in technology throughout history have impacted various areas of study			
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:		(i) discuss the relevance of technology as it applies to college readiness		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	(I) discuss the relevance of technology as it applies to college and career readiness, life-long learning, and daily living	(ii) discuss the relevance of technology as it applies to career readiness		
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:	(I) discuss the relevance of technology as it applies to college and career readiness, life-long learning, and daily living	(iii) discuss the relevance of technology as it applies to life-long learning		

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Subject	§126. Technology Applications	§126. Technology Applications			
Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	n School Year 2012-2013		
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement	
(6) Technology operations and	(I) discuss the relevance of	(iv) discuss the relevance of			
concepts. The student demonstrates a	technology as it applies to college	technology as it applies to			
thorough understanding of technology	and career readiness, life-long	daily living			
concepts, systems, and operations.	learning, and daily living				
The student is expected to:					
(6) Technology operations and	(J) use a variety of local and	(i) use a variety of local			
concepts. The student demonstrates a		input sources			
thorough understanding of technology	Terrote input sources	input sources			
concepts, systems, and operations.					
The student is expected to:					
The stage in the experience to					
(6) Technology operations and	(J) use a variety of local and	(ii) use a variety of remote			
concepts. The student demonstrates a	remote input sources	input sources			
thorough understanding of technology					
concepts, systems, and operations.					
The student is expected to:					
` '	(K) use keyboarding techniques	(i) use keyboarding			
concepts. The student demonstrates a		techniques while building			
thorough understanding of technology	building speed and accuracy	speed			
concepts, systems, and operations.					
The student is expected to:					
(6) Technology operations and	(K) use keyboarding techniques	(ii) use keyboarding			
concepts. The student demonstrates a		techniques while building			
thorough understanding of technology		accuracy			
concepts, systems, and operations.	3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
The student is expected to:					
<u>'</u>					

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Subject	§126. Technology Applications	§126. Technology Applications			
Course Title	§126.14. Technology Applicatio	ns, Grade 6, Beginning with	School Year 2012-2013		
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement	
(6) Technology operations and	(K) use keyboarding techniques	(iii) use ergonomic			
concepts. The student demonstrates a		strategies while building			
0 0,	building speed and accuracy	speed			
concepts, systems, and operations.					
The student is expected to:					
(6) Technology operations and	(K) use keyboarding techniques	(iv) use ergonomic			
concepts. The student demonstrates a	and ergonomic strategies while	strategies while building			
thorough understanding of technology	building speed, and accuracy	accuracy			
concepts, systems, and operations.					
The student is expected to:					
(6) Technology operations and	(L) create and edit files with	(i) create files with			
concepts. The student demonstrates a	` '	productivity tools including a			
·	word processing document using				
concepts, systems, and operations.	digital typography standards such				
The student is expected to:	as page layout, font formatting,	standards			
	paragraph formatting, and list				
	attributes; (ii) a spreadsheet				
	workbook using basic				
	computational and graphic				
	components such as basic				
	formulas and functions, data				
	types, and chart generation; (iii) a				
	database by manipulating				
	components such as entering and searching for relevant data;				
	and (iv) a digital publication using				
	relevant publication standards				
	Totalit publication standards				

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Subject	§126. Technology Applications				
Course Title	§126.14. Technology Application	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement	
(6) Technology operations and	(L) create and edit files with	(ii) edit files with productivity			
concepts. The student demonstrates a		tools including a word			
thorough understanding of technology	word processing document using	processing document using			
concepts, systems, and operations.	digital typography standards such	digital typography standards			
The student is expected to:	as page layout, font formatting,				
	paragraph formatting, and list				
	attributes; (ii) a spreadsheet				
	workbook using basic				
	computational and graphic				
	components such as basic				
	formulas and functions, data				
	types, and chart generation; (iii) a				
	database by manipulating				
	components such as entering				
	and searching for relevant data;				
	and (iv) a digital publication using				
	relevant publication standards				

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Subject	§126. Technology Applications				
Course Title	§126.14. Technology Application	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement	
(6) Technology operations and	(L) create and edit files with	(iii) create files with			
concepts. The student demonstrates a	productivity tools including: (i) a	productivity tools including a			
thorough understanding of technology	word processing document using	spreadsheet workbook			
concepts, systems, and operations.	digital typography standards such	using basic computational			
The student is expected to:	as page layout, font formatting,	components			
	paragraph formatting, and list				
	attributes; (ii) a spreadsheet				
	workbook using basic				
	computational and graphic				
	components such as basic				
	formulas and functions, data				
	types, and chart generation; (iii) a				
	database by manipulating				
	components such as entering				
	and searching for relevant data;				
	and (iv) a digital publication using				
	relevant publication standards				

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Subject	§126. Technology Applications				
Course Title	§126.14. Technology Application	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement	
(6) Technology operations and	(L) create and edit files with	(iii) create files with			
concepts. The student demonstrates a	productivity tools including: (i) a	productivity tools including a			
thorough understanding of technology	word processing document using	spreadsheet workbook			
concepts, systems, and operations.	digital typography standards such	using graphic components			
The student is expected to:	as page layout, font formatting,				
	paragraph formatting, and list				
	attributes; (ii) a spreadsheet				
	workbook using basic				
	computational and graphic				
	components such as basic				
	formulas and functions, data				
	types, and chart generation; (iii) a				
	database by manipulating				
	components such as entering				
	and searching for relevant data;				
	and (iv) a digital publication using				
	relevant publication standards				

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)		Breakout	Element	Subelement
` '	` '	(iv) edit files with productivity		
concepts. The student demonstrates a	productivity tools including: (i) a	tools including a		
thorough understanding of technology	word processing document using	spreadsheet workbook		
concepts, systems, and operations.	digital typography standards such	using basic computational		
The student is expected to:	as page layout, font formatting,	components		
	paragraph formatting, and list			
	attributes; (ii) a spreadsheet			
	workbook using basic			
	computational and graphic			
	components such as basic			
	formulas and functions, data			
	types, and chart generation; (iii) a			
	database by manipulating			
	components such as entering			
	and searching for relevant data;			
	and (iv) a digital publication using			
	relevant publication standards			

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
. ,		(v) edit files with productivity		
concepts. The student demonstrates a	productivity tools including: (i) a	tools including a		
thorough understanding of technology	word processing document using	spreadsheet workbook		
concepts, systems, and operations.	digital typography standards such	using graphic components		
The student is expected to:	as page layout, font formatting,			
	paragraph formatting, and list			
	attributes; (ii) a spreadsheet			
	workbook using basic			
	computational and graphic			
	components such as basic			
	formulas and functions, data			
	types, and chart generation; (iii) a			
	database by manipulating			
	components such as entering			
	and searching for relevant data;			
	and (iv) a digital publication using			
	relevant publication standards			

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and	(L) create and edit files with	(vi) create files with		
concepts. The student demonstrates a	productivity tools including: (i) a	productivity tools including a		
thorough understanding of technology	word processing document using	database by manipulating		
concepts, systems, and operations.	digital typography standards such	components		
The student is expected to:	as page layout, font formatting,			
	paragraph formatting, and list			
	attributes; (ii) a spreadsheet			
	workbook using basic			
	computational and graphic			
	components such as basic			
	formulas and functions, data			
	types, and chart generation; (iii) a			
	database by manipulating			
	components such as entering			
	and searching for relevant data;			
	and (iv) a digital publication using			
	relevant publication standards			

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and	(L) create and edit files with	(vii) edit files with		
concepts. The student demonstrates a	productivity tools including: (i) a	productivity tools including a		
thorough understanding of technology	word processing document using	database by manipulating		
concepts, systems, and operations.	digital typography standards such	components		
·	as page layout, font formatting,			
	paragraph formatting, and list			
	attributes; (ii) a spreadsheet			
	workbook using basic			
	computational and graphic			
	components such as basic			
	formulas and functions, data			
	types, and chart generation; (iii) a			
	database by manipulating			
	components such as entering			
	and searching for relevant data;			
	and (iv) a digital publication using			
	relevant publication standards			

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
` '	(L) create and edit files with	(viii) create files with		
concepts. The student demonstrates a		productivity tools including a		
thorough understanding of technology	, ,	· ·		
	digital typography standards such			
•	, , ,	standards		
	paragraph formatting, and list			
	attributes; (ii) a spreadsheet			
	workbook using basic			
	computational and graphic			
	components such as basic			
	formulas and functions, data			
	types, and chart generation; (iii) a			
	database by manipulating			
	components such as entering			
	and searching for relevant data;			
	and (iv) a digital publication using			
	relevant publication standards			

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Subject	§126. Technology Applications			
Course Title	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013			
TEKS (Knowledge and Skills)	Student Expectation	Breakout	Element	Subelement
(6) Technology operations and	(L) create and edit files with	(ix) edit files with productivity		
concepts. The student demonstrates a		tools including a digital		
	word processing document using			
	digital typography standards such	publication standards		
The student is expected to:	as page layout, font formatting,			
	paragraph formatting, and list			
	attributes; (ii) a spreadsheet			
	workbook using basic			
	computational and graphic			
	components such as basic			
	formulas and functions, data			
	types, and chart generation; (iii) a			
	database by manipulating			
	components such as entering and searching for relevant data;			
	and (iv) a digital publication using			
	relevant publication standards			
	Televant publication standards			
(6) Technology operations and	(M) plan and create non-linear	(i) plan non-linear media		
concepts. The student demonstrates a	` , ·	projects using graphic		
· ·	design principles	design principles		
concepts, systems, and operations.	and a firm of the			
The student is expected to:				
(6) Technology operations and	(M) plan and create non-linear	(ii) create non-linear media		
concepts. The student demonstrates a		projects using graphic		
	design principles	design principles		
concepts, systems, and operations.		accigii piiiloipico		
The student is expected to:				

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Subject	§126. Technology Applications						
Course Title	§126.14. Technology Applications, Grade 6, Beginning with School Year 2012-2013						
TEKS (Knowledge and Skills)	Student Expectation	Student Expectation Breakout Element Subelement					
(6) Technology operations and concepts. The student demonstrates a thorough understanding of technology concepts, systems, and operations. The student is expected to:							

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