Rule Text	TEKS Notation	Technology Applications TEKS	Connections	Science Connections	Mathematics Connections	Social Studies Connections	English Language Arts and Reading Connections	Health Connections	Fine Arts Connections	Languages Other Than English Connections	Physical Education Connections
126.1.c.1	K.1.B	identify simple patterns and make predictions based on the patterns	A knowledge and skills statement is a broad statement of what students must know and be able to do.								
126.1.c.1	K.1	identify a problem or task such as making a sandwich and break it down (decompose) into smaller pieces	**Direct alignment between student expectations**	**Science. K.1.A** ask questions and define problems based on observations or information from text, phenomena, models, or investigations **Science.K.1.B** use scientific practices to plan and conduct descriptive investigations and use engineering practices to design solutions to problems	**Math.K.1.B** use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution	**SS.K.15.B** use problem-solving and decision-making processes to identify a problem, gather information, list and consider options, consider advantages and disadvantages, choose and implement a solution, and evaluate the effectiveness of the solution					
			Use this space to identify additional connections between technology applications standards and other content standards.								
126.1.c.1.B	K.1.B	identify simple patterns and make predictions based on the patterns	**Direct alignment between student expectations**	**Science.K.2.B** analyze data by identifying any significant features and patterns **Science.K.5.A** identify and use patterns to describe phenomena or design solutions							
			Use this space to identify additional connections between technology applications standards and other content standards. Some illustrative examples are provided.	**Science K.9.A** identify, describe, and predict the patterns of day and night and their observable characteristics **Math.K.7.B** compare two objects with a common measurable attribute to see which object has more of/less of the attribute and describe the difference							

Rule Text	TEKS Notation	Technology Applications TEKS	Connections	Science Connections	Mathematics Connections	Social Studies Connections	English Language Arts and Reading Connections	Health Connections	Fine Arts Connections	Languages Other Than English Connections	Physical Education Connections
126.1.c.1.C	K.1C	identify algorithms (step-by-step instructions) using a sequential process such as first, next, then, and last	**Direct alignment between student expectations**	**Science.K.1.B** use scientific practices to plan and conduct descriptive investigations and use engineering practices to design solutions to problems	**Math.K.1.B** use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution	**SS.K.13.D** sequence and categorize information	**ELAR.K.1.B** restate and follow oral directions that involve a short, related sequence of actions				
			Use this space to identify additional connections between technology applications standards and other content standards. Some illustrative examples are provided.	**SS.K.15.B** use problem-solving and decision-making processes to identify a problem, gather information, list and consider options, consider advantages and disadvantages, choose and implement a solution, and evaluate the effectiveness of the solution **Music.K.3**.B identify simple interdisciplinary concepts related to music **ELAR.K.8.D.iii** recognize characteristics and structures of informational text, including: the steps in a sequence with adult assistance							
126.1.c.2	**K.2**	**Computational thinking--applications. The student, with guidance from an educator, applies the fundamentals of computer science.**	**A knowledge and skills statement is a broad statement of what students must know and be able to do.**								
126.1.c.2.A	K.2.A	create a sequence of code with or without technology such as solving a maze using drag-and-drop programming or creating step-by-step directions for student movement to a specific location	**Direct alignment between student expectations**				**ELAR.K.1.B** restate and follow oral directions that involve a short, related sequence of actions				
			Use this space to identify additional connections between technology applications standards and other content standards. Some illustrative examples are provided.	**SS.K.13.D** sequence and categorize information **SS.K.12.B** describe how technology helps accomplish specific tasks and meet people's needs **ELAR.K.8.D.iii** recognize characteristics and structures of informational text, including: the steps in a sequence with adult assistance							

Rule Text	TEKS Notation	Technology Applications TEKS	Connections	Science Connections	Mathematics Connections	Social Studies Connections	English Language Arts and Reading Connections	Health Connections	Fine Arts Connections	Languages Other Than English Connections	Physical Education Connections
126.1.c.3	K.3	Creativity and innovation--innovative design process. The student takes an active role in learning by using a design process to solve authentic problems for a local or global audience, using a variety of technologies.	A knowledge and skills statement is a broad statement of what students must know and be able to do.								
126.1.c.3.A	K.3.A	practice personal skills, including following directions, needed to successfully implement design processes	**Direct alignment between student expectations**	**Science.K.3.B** communicate explanations and solutions individually and collaboratively in a variety of settings and formats		**SS.K.14.E** apply and practice classroom rules and procedures for listening and responding respectfully	**ELAR.K.1.D** work collaboratively with others by following agreed-upon rules for discussion, including taking turns				
			Use this space to identify additional connections between technology applications standards and other content standards. Some illustrative examples are provided.	**Math.K.1.D** communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate **SS.K.14.C** communicate information visually, orally, or in writing based on knowledge and experiences in social studies **SS.K.15.A** use democratic procedures to collaborate with others when making decisions on issues in the classroom, school, or community **ELAR.K.1.A** listen actively and ask questions to understand information and answer questions using multi-word response **PE.K.13.A** demonstrate respect and cooperation through words and actions with teacher guidance; **PE.K.13.B** communicate feelings and thoughts appropriately with teacher guidance.						
126.1.c.3.B	K.3.B	use a design process with components such as asking questions, brainstorming, or storyboarding to identify and solve authentic problems with adult assistance	**Direct alignment between student expectations**	**Science.K.1.A** ask questions and define problems based on observations or information from text, phenomena, models, or investigations **Science.K.1.B** use scientific practices to plan and conduct descriptive investigations and use engineering practices to design solutions to problems	**Math.K.1.B** use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution	**SS.K.15.B** use problem-solving and decision-making processes to identify a problem, gather information, list and consider options, consider advantages and disadvantages, choose and implement a solution, and evaluate the effectiveness of the solution	**ELAR.K.1.A** listen actively and ask questions to understand information and answer questions using multi-word response				

Rule Text	TEKS Notation	Technology Applications TEKS	Connections	Science Connections	Mathematics Connections	Social Studies Connections	English Language Arts and Reading Connections	Health Connections	Fine Arts Connections	Languages Other Than English Connections	Physical Education Connections
			Use this space to identify additional connections between technology applications standards and other content standards.								
126.1.c.4	K.4	Data literacy, management, and representation--collect data. The student defines data and explains how data can be found and collected.		A knowledge and skills statement is a broad statement of what students must know and be able to do.							
126.1.c.4.A	K.4.A	communicate an understanding that data is information collected about people, events, or objects such as computer searches and weather patterns	**Direct alignment between student expectations**	**Science.K.1.F** record and organize data using pictures, numbers, words, symbols, and simple graphs	**Math K.8.A** collect, sort, and organize data into two or three categories	**SS.K.13.A** identify and state facts based on relevant evidence	**SS.K.12.C** gather information from a variety of sources with adult assistance **SS.K.12.D** demonstrate understanding of information gathered with adult assistance				
			Use this space to identify additional connections between technology applications standards and other content standards. Some illustrative examples are provided.	**Science.K.10.B** observe and describe weather changes from day to day and over seasons **Math.K.8.B** use data to create real-object and picture graphs **SS.K.14.D** create and interpret visuals, including pictures and maps **ELAR.K.5.F** make inferences and use evidence to support understanding with adult assistance							
126.1.c.4.B	K.4.B	communicate with adult assistance the idea that digital devices can search for and retrieve information	**Direct alignment between student expectations**				**ELAR.K.12.C** gather information from a variety of sources with adult assistance				

Rule Text	TEKS Notation	Technology Applications TEKS	Connections	Science Connections	Mathematics Connections	Social Studies Connections	English Language Arts and Reading Connections	Health Connections	Fine Arts Connections	Languages Other Than English Connections	Physical Education Connections
			Use this space to identify additional connections between technology applications standards and other content standards. Some illustrative examples are provided.	**Science.K.1.E** collect observations and measurements as evidence **SS.K.13.C** gather information about a topic using a variety of valid oral and visual sources such as interviews, music, pictures, symbols, and artifacts with adult assistance							
126.1.c.5	K.5	Digital citizenship--social interactions. The student identifies appropriate ways to communicate in various digital environments.	A knowledge and skills statement is a broad statement of what students must know and be able to do.								
126.1.c.5.A	K.5.A	identify and demonstrate responsible behavior within a digital environment	**Direct alignment between student expectations**	**Science.K.3.C** listen actively to others' explanations to identify important evidence and engage respectfully in scientific discussion		**SS.K.7.A** identify purposes for having rules **SS.K.7.B** identify rules that provide order, security, and safety in the home and school	**ELAR.K.1.D** work collaboratively with others by following agreed-upon rules for discussion, including taking turns				
			Use this space to identify additional connections between technology applications standards and other content standards. An illustrative example is provided	**Health.K.9.C** identify personal space and appropriate boundaries							
126.1.c.6	K.6	Digital citizenship--ethics and laws. The student recognizes and practices responsible, legal, and ethical behavior while using digital tools and resources.	A knowledge and skills statement is a broad statement of what students must know and be able to do.								

Rule Text	TEKS Notation	Technology Applications TEKS	Connections	Science Connections	Mathematics Connections	Social Studies Connections	English Language Arts and Reading Connections	Health Connections	Fine Arts Connections	Languages Other Than English Connections	Physical Education Connections
126.1.c.6.A	K.6.A	demonstrate acceptable use of digital resources and devices as outlined in local policies or acceptable use policy (AUP)	**Direct alignment between student expectations**			**SS.K.7.A** identify purposes for having rules					
			Use this space to identify additional connections between technology applications standards and other content standards. An illustrative example is provided				**ELAR.K.12.C** gather information from a variety of sources with adult assistance				
126.1.c.6.B	K.6.B	communicate an understanding that all digital content has owners	**Direct alignment between student expectations**			**SS.K.7.A** identify purposes for having rules					
			Use this space to identify additional connections between technology applications standards and other content standards. An illustrative example is provided				**Music.K.3.B** identify simple interdisciplinary concepts related to music				
126.1.c.7	**K.7**	**Digital citizenship--privacy, safety, and security. The student practices safe, legal, and ethical digital behaviors to become a socially responsible digital citizen.**	**A knowledge and skills statement is a broad statement of what students must know and be able to do.**								

Rule Text	TEKS Notation	Technology Applications TEKS	Connections	Science Connections	Mathematics Connections	Social Studies Connections	English Language Arts and Reading Connections	Health Connections	Fine Arts Connections	Languages Other Than English Connections	Physical Education Connections
126.1.c.7.A	K.7.A	identify ways to keep a user account safe, including not sharing login information and logging off accounts and devices	Direct alignment between student expectations			SS.K.12.A identify examples of technology used in the home and school					
			Use this space to identify additional connections between technology applications standards and other content standards.								
126.1.c.7.B	K.7.B	identify and discuss what information is safe to share online such as hobbies and likes and dislikes and what information is unsafe such as identifying information	Direct alignment between student expectations					Health.K.12 identify situations when one should get help from a teacher, parent, or other trusted adult when made to feel bullied, uncomfortable, or unsafe in a digital or online environment			
			Use this space to identify additional connections between technology applications standards and other content standards. An illustrative example is provided					Health.K.9.C identify personal space and appropriate boundaries			
126.1.c.8	K.8	Practical technology concepts-- skills and tools. The student demonstrates knowledge and appropriate use of technology systems, concepts, and operations.	A knowledge and skills statement is a broad statement of what students must know and be able to do.								

Rule Text	TEKS Notation	Technology Applications TEKS	Connections	Science Connections	Mathematics Connections	Social Studies Connections	English Language Arts and Reading Connections	Health Connections	Fine Arts Connections	Languages Other Than English Connections	Physical Education Connections
126.1.c.8.A	K.8.A	use a variety of applications, devices, and online learning environments to engage with content	**Direct alignment between student expectations**	**Science.K.3.B** communicate explanations and solutions individually and collaboratively in a variety of settings and formats		**SS.K.14.C** communicate information visually, orally, or in writing based on knowledge and experiences in social studies	**ELAR.K.12.C** gather information from a variety of sources with adult assistance				
			Use this space to identify additional connections between technology applications standards and other content standards.	**ELAR.K.3.A** use a resource such as a picture dictionary or digital resource to find words **ELAR.K.8.F** recognize characteristics of multimodal and digital texts **ELAR.K.12.E** use an appropriate mode of delivery, whether written, oral, or multimodal, to present results							
126.1.c.8.B	K.8.B	identify basic computer hardware, including a variety of input and output devices, and software using accurate terminology	**Direct alignment between student expectations**			**SS.K.12.A** identify examples of technology used in the home and school					
			Use this space to identify additional connections between technology applications standards and other content standards.	**SS.K.12.B** describe how technology helps accomplish specific tasks and meet people's needs							
126.1.c.8.C	K.8.C	perform software application functions such as opening an application and modifying, printing, and saving digital artifacts using a variety of developmentally appropriate digital tools and resources	**Direct alignment between student expectations**				**ELAR.K.3.A** use a resource such as a picture dictionary or digital resource to find words				

Rule Text	TEKS Notation	Technology Applications TEKS	Connections	Science Connections	Mathematics Connections	Social Studies Connections	English Language Arts and Reading Connections	Health Connections	Fine Arts Connections	Languages Other Than English Connections	Physical Education Connections
			Use this space to identify additional connections between technology applications standards and other content standards.								
126.1.c.8.D	K.8.D	practice ergonomically correct keyboarding techniques and developmentally appropriate hand and body positions	Direct alignment between student expectations								
			Use this space to identify additional connections between technology applications standards and other content standards.								
126.1.c.8.E	K.8.E	identify, locate, and practice using keys on the keyboard, including letters, numbers, and special keys such as space bar and backspace	Direct alignment between student expectations		**Math.K.1.D** communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate						
			Use this space to identify additional connections between technology applications standards and other content standards.								