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Technology Applications, Grade 1

Typing.com: 1st Grade TX: TEKS (9798987771716)

Percentage of TEKS Addressed in Student Materials: 75%

Knowledge and Skills Statement	Student Expectation
(3) Creativity and innovationinnovative 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. The student is expected to:	(A) practice personal skills and behaviors, including following directions and mental agility, needed to implement a design process successfully; and
(3) Creativity and innovationinnovative 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. The student is expected to:	(B) use a design process with components such as asking questions, brainstorming, or storyboarding to identify and solve authentic problems with adult assistance.
(4) Creativity and innovationemerging technologies. The student understands that technology is dynamic and impacts different communities. The student is expected to identify examples of how technology has impacted different coet	

Technology Applications, Grade 3

Typing.com: 3rd Grade TX: TEKS (9798987771730)

Percentage of TEKS Addressed in Student Materials: 86.21%

Technology Applications, Grade 4

Typing.com: 4th Grade TX: TEKS (9798987771747)

Percentage of TEKS Addressed in Student Materials: 75.86%

Knowledge and Skills Statement

Student Expectation

(1) Computational thinking--foundations. The stud6 (a) (o) 1.99 $\ensuremath{\mathsf{M}}$

Student Expectation

(12) Practical technology concepts--skills and tools. The student selects appropriate methods or techniques for an assigned task and identifies and solves simple hardware and software problems using common t

Knowledge and Skills Statement	Student Expectation
(1) Computational thinkingfoundations. The student explores the core concepts of computational thinking, a set of problem-solving processes that involve decomposition, pattern recognition, abstraction, and algorithms. The student is expected to:	(C) design and create an outline collaboratively that documents a problem, possible solutions, and an expected timeline for the development of a coded solution; and
(3) Creativity and innovationinnovative 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. The student is expected to:	(A) explain the importance of and demonstrate personal skills and behaviors, including persistence, effective communication, following directions, mental agility, metacognition, problem solving and questioning, that are needed to implement a design process successfully; and

Technology Applications, Grade 6

Typing.com: 6th Grade TX: TEKS (9798987771761)

Percentage of TEKS Addressed in Student Materials: 66.67%

Knowledge and Skills Statement

Student Expectation

(4) Creativity and innovation--emerging technologies. The student demonstrates a thorough understanding of the role of technology throughout history and its impact on societies. The student is expected to:

Publisher: The Curriculum Center for Family and Consumer Sciences

Child Development Associate Foundations

Child Development Associate Foundations: TEKS (9781953248299)

Percentage of TEKS Addressed in Student Materials: 90.91%

Knowledge and Skills Statement	Student Expectation
(1) The student identifies professional standards/employability skills as required by business and industry. The student is expected to:	(D) identify and exhibit characteristics of professionalism; and
(1) The student identifies professional standards/employability skills as required by business and industry. The student is expected to:	(E) develop effective work ethic practices.
(2) The student understands the need for establishing a safe, healthy learning environment for young children. The student is expected to:	(E) identify components of a learning environment that promotes engagement, play, exploration, and learning of all children, including children with special needs.

Publisher: CEV Multimedia

Computer Science I

iCEV Computer Science I (Individual Course): TEKS (9798888640036)

Percentage of TEKS Addressed in Student Materials: 51.61%

Knowledge and Skills Statement	Student Expectation
(1) Employability. The student identifies various employment opportunities in the computer science field. The student is expected to:	(A) identify job and internship opportunities and accompanying job duties and tasks and contact one or more companies or organizations to explore career opportunities;
(1) Employability. The student identifies various employment opportunities in the computer science field. The student is expected to:	(H) demonstrate planning and time-management skills; and
(1) Employability. The student identifies various employment opportunities in the computer science field. The student is expected to:	(I) compare university computer science programs.

Knowledge and Skills Statement	Student Expectation
(2) Communication and collaboration. The student communicates and collaborates with peers to contribute to his or her own learning and the learning of others. The student is expected to:	(A) participate in learning communities as a learner, initiator, contributor, and teacher/mentor; and
(2) Communication and collaboration. The student communicates and collaborates with peers to contribute to his or her own learning and the learning of others. The student is expected to:	(B) seek and respond to advice from peers, educators, or professionals when evaluating quality and accuracy of the student's product.
(3) Programming style and presentation. The student utilizes proper programming style and develops appropriate visual presentation of data, input, and output. The student is expected to:	(A) create and properly label and display output;

Knowledge and Skills Statement	Student Expectation
(6) Technology operations, systems, and concepts. The student understands technology concepts, systems, and operations as they apply to computer science. The student is expected to:	(B) differentiate between current programming languages, discuss the general purpose for each language, and demonstrate knowledge of specific programming terminology and concepts and types of software development applications;
(6) Technology operations, systems, and concepts. The student understands technology concepts, systems, and operations as they apply to computer science. The student is expected to:	(H) create subroutines that return typed values with and without the use of arguments and parameters;
(6) Technology operations, systems, and concepts. The student understands technology concepts, systems, and operations as they apply to computer science. The student is expected to:	(K) identify and convert binary representation of numeric and nonnumeric data in computer systems using American Standard Code for Information Interchange (ASCII) or Unicode;
(6) Technology operations, systems, and concepts. The student understands technology concepts, systems, and operations as they apply to computer science. The student is expected to:	(M) perform numerical conversions between the decimal and binary number systems and count in the binary number systsss,

Knowledge and Skills Statement	Student Expectation
(6) Technology operations, systems, and concepts. The student understands technology concepts, systems, and udent is expected to:	(R) choose, identify, and use the appropriate data type or structure to properly represent the data in a program problem solution; and

Publisher: Cengage Learning Inc.

Forensic Science

Forensic Science: (or)5do(ns) 743.44 Def 01 Tv12 00 2 36 50 2. (s)-1.6 (e) (e) 2 (i)5.1 (de) (nt)2. 7i)5.1 (b1.5 (s)-282 3 92 4 ref

Knowledge and Skills Statement	Student Expectation
(14) The student explores principles of questioned document analysis in the physical and digital form. The student is expected to	(B) investigate and describe the security features incorporated in U.S. and foreign currency to prevent counterfeiting
(15) The student evaluates firearms and ballistics evidence. The student is expected to	(B) identify the components and characteristics of bullet and cartridge cases
(15) The student evaluates firearms and ballistics evidence. The student is expected to	(C) describe the composition of and method of analysis for gunshot residue and primer residue

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Publisher: Assessment Technologies Institute, LLC dba National Healthcareer Association (NHA)

Medical Assistant

MA SkillsBuilder(TM):Bundle: TEKS (9781565332676)

Percentage of TEKS Addressed in Student Materials: 78.48%

Knowledge and Skills Statement	Student Expectation
(1) The student applies professional standards/employability skills as required by business and industry. The student is expected to:	(D) create or evaluate a career plan 6 (y)JJ0E564 (o)-(a)2.1 (I 6 (expected to:

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Knowledge and Skills Statement	Student Expectation
(6) The student uses appropriate medical terminology as a medical assistant. The student is expected to:	(C) apply knowledge of prefixes, suffixes, and root words to translate medical terms to conversational language to facilitate communication.

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