

Texas TEKS Computer Science → CSTA K-12 Standards Crosswalk

All 297 TEKS-native units • Grades 3–8 + Fundamentals of Computer Science

How This Crosswalk Was Built

Every one of the 297 Texas Essential Knowledge and Skills (TEKS) Computer Science / Technology Applications sub-points listed here was individually compared against the CSTA K-12 Computer Science Standards (2017), published by the Computer Science Teachers Association. Each row states the nearest CSTA standard code (or codes) and an honest fit rating — including "No CSTA Equivalent" where none exists. Standards were never force-matched: if the two frameworks genuinely do not overlap, this document says so.

A NOTE ON THE FOUR FIT CATEGORIES

Strong Match — the TEKS point and a CSTA standard cover the same skill at the same grade band.

Partial Match — a related CSTA standard exists at the same band, but with different scope or depth.

Match, Different Band — CSTA covers this exact skill, but one grade band earlier or later than where Texas places it.

No CSTA Equivalent — no CSTA standard, at any band, addresses this TEKS point.

Summary Across All 10 Courses

Course	TEKS Section	CSTA Band	Units	Strong	Partial	Diff. Band	No Match
Kindergarten	§126.1	1A (Grades K-2)	18	7	6	0	5
Grade 1	§126.2	1A (Grades K-2)	20	8	6	0	6
Grade 2	§126.3	1A (Grades K-2)	23	11	5	0	7
Grade 3	§126.8	1B (Grades 3-5)	29	8	7	3	11
Grade 4	§126.9	1B (Grades 3-5)	29	8	5	4	12
Grade 5	§126.10	1B (Grades 3-5)	29	11	5	1	12
Grade 6	§126.17	2 (Grades 6-8)	36	7	5	2	22
Grade 7	§126.18	2 (Grades 6-8)	36	9	3	2	22
Grade 8	§126.19	2 (Grades 6-8)	38	8	6	3	21
Fundamentals of Computer Science (High School)	TX CTE Fundamentals of Computer Science	3A (Grades 9-10), with several cross-band references	39	6	5	11	17
TOTAL (all 10 courses)			297	83	53	26	135

Key Findings

- Across all 297 units, only 28% are a strong, same-band match to a CSTA standard. 45% of Texas's TEKS Computer Science content has no CSTA counterpart at all.
- Texas's entire "Practical Technology Concepts" strand (choosing apps, formatting documents, file naming, keyboarding technique, keyboard shortcuts) has essentially zero CSTA coverage at every grade — CSTA's five core concepts do not include productivity-software skills.
- CSTA's own "communicate/publish data" and "digital etiquette" subconcepts exist at the elementary bands (K-2 and 3-5) but are not restated as standards at Level 2 (grades 6-8) — Texas keeps teaching both skills at every grade anyway.
- CSTA's copyright/attribution standards (1B-IC-21, 1B-AP-14) exist only at the grades 3-5 band. Texas continues teaching copyright and citation skills explicitly through Grade 8 and into Fundamentals of Computer Science, one to three bands after CSTA stops addressing it.
- Cyberbullying and "digital footprint" are named explicitly across nearly every TX grade level, but neither term appears anywhere in the CSTA K-12 standards document.
- Texas's Fundamentals of Computer Science course blends genuine 9th-10th-grade CSTA content (algorithms, binary data, security) with career-readiness skills (resumes, interviews, university comparisons) that fall outside any CS-standards framework entirely.

ABOUT CSTA CITATIONS IN THIS DOCUMENT

CSTA standard codes (e.g. "1B-AP-11") are cited as identifiers only. The full text of each CSTA standard is available free at csteachers.org/k12standards. This document does not reproduce CSTA's standard text, which is licensed CC BY-NC-SA 4.0.

Kindergarten (Texas TEKS §126.1)

CSTA comparison band: 1A (Grades K-2)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Breaking a Big Job Into Small Pieces	1A-AP-11	Partial Match	CSTA asks for a precise sequence of instructions; Kindergarten asks only to break a task into smaller pieces.
1B	Spotting Patterns and Guessing What Comes Next	—	No CSTA Equivalent	No CSTA standard at this band addresses spotting simple patterns and predicting from them; the closest near-miss covers patterns in data visualizations, a different skill.
1C	First, Next, Then, Last: Steps in Order	1A-AP-08	Strong Match	Both cover recognizing and using step-by-step instructions in order.
2	Making a Sequence of Code	1A-AP-10	Strong Match	Both cover building a sequence of instructions to solve a simple problem.
3A	Following Directions Like a Helper	—	No CSTA Equivalent	No CSTA content standard at this band covers personal skills like following directions; this maps to CSTA's cross-cutting practices rather than a numbered standard.
3B	Ask, Brainstorm, and Draw a Solution	1A-AP-12	Partial Match	CSTA's standard is about planning a program's events and goals; Kindergarten's design process (asking, brainstorming, storyboarding) is broader.
4A	Data Is Information We Collect	1A-DA-05	Partial Match	CSTA defines stored information as data; Kindergarten's standard is the broader idea that data is information about people, events, or objects.
4B	Devices Can Search and Find	1A-DA-05	Strong Match	Both cover using a digital device to search for and retrieve information.
5	Being Kind and Careful Online	1A-IC-17	Strong Match	Both cover responsible, respectful behavior in digital spaces.
6A	Our Rules for Using Devices	—	No CSTA Equivalent	CSTA's published standards do not name an acceptable use policy at any

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				band.
6B	Digital Things Have Owners	1A-AP-13	Partial Match	CSTA's attribution standard is scoped to program development; Kindergarten's is the broader idea that digital content has owners.
7A	Keep Your Login Safe	1A-IC-18	Strong Match	Both cover not sharing login information and logging off.
7B	What Is Safe to Share Online	1A-IC-18	Partial Match	CSTA's closest standard is narrower (login privacy); Kindergarten's is a broader safe-versus-unsafe information distinction.
8A	Using Apps, Devices, and Online Places to Learn	1A-CS-01	Strong Match	Both cover using a variety of software and devices for tasks.
8B	Naming Computer Parts: Input, Output, and Software	1A-CS-02	Strong Match	Both cover identifying hardware with accurate terminology.
8C	Opening, Changing, Printing, and Saving Your Work	1A-CS-01	Partial Match	CSTA's standard is about selecting and operating software for a task; Kindergarten's names specific functions like opening, printing, and saving.
8D	Sit Tall, Hands Ready: Comfortable Typing	—	No CSTA Equivalent	Ergonomic keyboarding technique is not a CSTA content standard at any band.
8E	Finding Letter, Number, and Special Keys	—	No CSTA Equivalent	Keyboard key locations are not a CSTA content standard at any band.

Grade 1 (Texas TEKS §126.2)

CSTA comparison band: 1A (Grades K-2)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Breaking a Job Into Steps	1A-AP-11	Strong Match	Both cover breaking a problem down into a sequence of steps.
1B	Finding Patterns in Everyday Jobs	—	No CSTA Equivalent	No CSTA standard at this band addresses finding simple patterns in solutions to everyday tasks; the closest near-miss covers patterns in data visualizations, a different skill.
1C	Make Your Own Algorithm	1A-AP-08	Strong Match	Both cover creating step-by-step instructions for an everyday task.
2	Coding a Simple Sequence	1A-AP-10	Strong Match	Both cover building a sequence of instructions that solves a simple problem.
3A	Following Directions and Trying New Ways	—	No CSTA Equivalent	No CSTA content standard at this band covers personal skills like following directions and mental agility; this maps to CSTA's cross-cutting practices rather than a numbered standard.
3B	Ask, Think, and Draw a Plan	1A-AP-12	Partial Match	CSTA's standard is about planning a program's events and goals; Grade 1's design process (asking, brainstorming, storyboarding) is broader.
4	How Technology Changes Communities	1A-IC-16	Partial Match	CSTA frames this as a before-and-after comparison; Grade 1's standard is to identify examples of technology's impact on communities.
5A	Collecting Data About People and Things	1A-DA-06	Partial Match	CSTA pairs collecting data with presenting it in visual formats; Grade 1's standard is about exploring and collecting many types of data.
5B	Searching for Answers With Adult Help	1A-DA-05	Strong Match	Both cover searching for and retrieving information with a device.
6	Respectful Behavior in Digital Places	1A-IC-17	Strong Match	Both cover respectful, responsible behavior

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				with others online.
7A	Our Rules for Using School Devices	—	No CSTA Equivalent	CSTA's published standards do not name an acceptable use policy at any band.
7B	Digital Things Have Owners	1A-AP-13	Partial Match	CSTA's attribution standard is scoped to program development; Grade 1's is the broader idea that digital content has owners.
8A	Keeping My Account Safe	1A-IC-18	Strong Match	Both cover not sharing login information and logging off.
8B	What Is Safe to Share Online?	1A-IC-18	Partial Match	CSTA's closest standard is narrower (login privacy); Grade 1's is a broader safe-versus-unsafe information distinction.
8C	What Is Cyberbullying?	—	No CSTA Equivalent	CSTA's published standards do not name cyberbullying at any band.
9A	Pick the Right Tools to Make Your Own Thing	1A-CS-01	Strong Match	Both cover selecting and using software and devices for a task.
9B	Parts of a Computer and What They Do	1A-CS-02	Strong Match	Both cover describing hardware with accurate terminology.
9C	Save, Share, and Revise Your Digital Work	1A-DA-05	Partial Match	CSTA's standard covers storing, copying, and deleting information (file management); Grade 1 adds collaboration and revising digital artifacts.
9D	Sit Tall and Type the Healthy Way	—	No CSTA Equivalent	Ergonomic keyboarding technique is not a CSTA content standard at any band.
9E	Find the Right Keys on the Keyboard	—	No CSTA Equivalent	Keyboard key locations are not a CSTA content standard at any band.

Grade 2 (Texas TEKS §126.3)

CSTA comparison band: 1A (Grades K-2)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Step-by-Step Directions	1A-AP-11	Strong Match	Both cover decomposing a problem into a precise sequence of steps.
1B	Predicting Patterns	—	No CSTA Equivalent	No CSTA standard at 1A addresses pattern recognition in story/problem contexts; the closest near-miss (1A-DA-07) is about patterns in data visualizations specifically, a different skill.
1C	Checking a Plan	1A-AP-12	Strong Match	Both cover developing/analyzing a plan that outlines steps toward a goal.
1D	If-Then Plans	1A-AP-14	Strong Match	The troubleshooting half matches 1A-AP-14 (debug errors in an algorithm with sequences/loops). Note: TX2's explicit use of conditionals (if-then) is actually ahead of CSTA's 1A band -- CSTA doesn't introduce conditionals until 1B-AP-10 (grades 3-5); at 1A, CSTA programs only have sequences and simple loops.
2A	Exploring Variables	1A-AP-09	Strong Match	Both cover modeling how a program stores/represents data using symbols.
2B	Using Loops	1A-AP-10	Strong Match	Both cover developing programs with sequences and simple loops.
3A	Design Process Skills	—	No CSTA Equivalent	No 1A content standard covers personal design-process skills; maps to CSTA's cross-cutting Practice 1, not a numbered standard.
3B	Testing and Reflecting	1A-AP-15	Partial Match	CSTA's standard is about describing choices made during iterative development; TX2's is about applying the testing/reflecting cycle itself -- related but not identical.

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
4	Technology's Impact on Communities	1A-IC-16	Partial Match	CSTA's standard is framed as a before/after comparison; TX2's is a broader 'identify and analyze impact' ask.
5A	Collecting Non-Numerical Data	—	No CSTA Equivalent	No CSTA standard at 1A addresses collecting non-numerical data categories specifically; the explicit 'collect data' verb doesn't appear until later bands.
5B	Basic Independent Search	1A-DA-05	Strong Match	Both cover searching/retrieving information using a computing device.
6	Data Visualizations	1A-DA-06	Strong Match	Both cover presenting the same data in different visual formats.
7	Responsible Digital Participation	1A-IC-17	Strong Match	Near-exact match -- working respectfully and responsibly with others online.
8A	Acceptable Use Policy	—	No CSTA Equivalent	CSTA's published standards do not name an 'acceptable use policy' standard at any K-8 band.
8B	Digital Content Has Owners	1A-AP-13	Partial Match	CSTA's attribution standard is scoped to using others' ideas/creations while developing programs; TX2's is a broader concept-of-ownership standard.
9A	Account Safety	1A-NI-04, 1A-IC-18	Strong Match	Combines CSTA's password standard (1A-NI-04) with its login-privacy/logoff standard (1A-IC-18).
9B	Private vs. Public Information	1A-IC-18	Partial Match	CSTA's closest match is about keeping login information private; TX2's is a broader private-vs-public information distinction.
9C	Discussing Cyberbullying	—	No CSTA Equivalent	CSTA's published 2017 standards do not name cyberbullying explicitly at any K-8 band.
10A	Picking the Right Tool	1A-CS-01	Strong Match	Both cover selecting/using appropriate software or devices for a task.
10B	Hardware Helpers	1A-CS-02	Strong Match	Both cover identifying/describing

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				hardware component function with accurate terminology.
10C	Hands-On Tech	1A-CS-01	Partial Match	CSTA's standard is about selecting/operating software for a task; TX2's is broader, about operating tools to review artifacts and design solutions.
10D	Sit Smart	—	No CSTA Equivalent	Ergonomic keyboarding technique is not a CSTA content standard at any band.
10E	Symbol Hunt	—	No CSTA Equivalent	Keyboard key locations/shortcuts are not a CSTA content standard at any band.

Grade 3 (Texas TEKS §126.8)

CSTA comparison band: 1B (Grades 3-5)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Break It Down, Find a Solution	1B-AP-11	Strong Match	Both ask students to decompose a problem into smaller subproblems.
1B	Simple vs. Complex Patterns	—	No CSTA Equivalent	CSTA's 1B band has no standalone standard on recognizing patterns in problems; pattern recognition is folded into the general decomposition standard (1B-AP-11) rather than named separately.
1C	Plan a Project as a Team	1B-AP-13	Partial Match	CSTA's version is scoped to planning a program's development with others' input; TX's is a general project plan, not necessarily a program.
1D	Debug Simple Algorithms	1B-AP-15	Strong Match	Both ask students to test and fix errors in an algorithm/program.
2A	Storing Data with Variables	1B-AP-09	Strong Match	Both cover creating programs that store data in variables (TX stops short of 'modify').
2B	Building Programs Step by Step	1B-AP-10	Strong Match	Both cover programs built from sequences, loops, and conditionals.
3A	Skills Every Designer Needs	—	No CSTA Equivalent	CSTA does not have a content standard for this at 1B — it maps more to CSTA's cross-cutting Practice 1 (Fostering an Inclusive Computing Culture), which is a practice, not a numbered standard.
3B	Feedback Makes It Better	1B-AP-13	Partial Match	Related to CSTA's iterative-planning standard, though TX frames it around peer/teacher feedback specifically.
4	Defining Emerging Technology	1B-IC-18	Partial Match	TX asks students to define the term; CSTA's standard asks students to discuss how such technologies change the world — related but not identical depth.

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
5A	Collecting Numerical Data	2-DA-08	Match, Different Band	CSTA does not have a 'collect data' standard at 1B; the closest match (2-DA-08) is written for grades 6-8. TX introduces data collection one band earlier than CSTA does.
5B	Searching With a Trusted Adult	—	No CSTA Equivalent	No CSTA standard addresses supervised search strategies at any band.
6	Reading Graphs: Trends & Inferences	1B-DA-07	Strong Match	Both cover using data/graphs to identify trends and make predictions.
7	Make It Public!	1B-DA-06	Partial Match	CSTA's standard is about visual organization of data to support a claim; TX frames it as publishing to an audience — overlapping but not identical.
8A	What Is a Digital Footprint?	—	No CSTA Equivalent	No CSTA standard at any K-8 band names 'digital footprint' explicitly.
8B	What Is Digital Etiquette?	1A-IC-17	Match, Different Band	CSTA's closest match ('work respectfully and responsibly with others online') is a K-2 (1A) standard — TX revisits this concept one band later, at Grade 3.
8C	What Is Digital Collaboration?	1B-IC-20	Partial Match	CSTA's standard is about seeking diverse perspectives to improve a computational artifact; TX's is a simpler definitional ask.
9A	Positive Behavior Online	—	No CSTA Equivalent	CSTA's published 2017 standards do not name an 'acceptable use policy' standard at the 1B band; this is a TX-specific framing.
9B	Why Copyright Rules Exist	1B-IC-21	Strong Match	Both address respecting copyright/permission when using others' digital content.
9C	Parts of a Citation	1B-AP-14	Partial Match	CSTA's attribution standard is scoped to remixing programs specifically; TX's is about citation format

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				in general.
10A	Build a Password, Sign Off Safely	1A-NI-04	Match, Different Band	CSTA's exact-match standard on passwords is a K-2 (1A) standard; TX reinforces it again at Grade 3.
10B	Digital Identity & Online Safety	1B-NI-05	Strong Match	Both address real-world personal-information protection online.
10C	Cyberbullying: Stop, Save, Tell	—	No CSTA Equivalent	CSTA's published 2017 standards do not name cyberbullying explicitly at any K-8 band.
11A	Compare & Contrast Apps for Tasks	—	No CSTA Equivalent	CSTA does not address productivity-application selection; this falls outside CSTA's five core concepts.
11B	Insert, Delete & Format a Document	—	No CSTA Equivalent	Document formatting/word-processing skills are not part of the CSTA framework.
12A	Operating Systems & Networks	1B-CS-02, 1B-NI-04	Partial Match	TX blends operating-system and network vocabulary into one standard; CSTA splits these across two separate standards.
12B	Naming & Saving Files	—	No CSTA Equivalent	File-naming/management conventions are not covered in the CSTA framework.
12C	Finger Power: Typing With Care	—	No CSTA Equivalent	Keyboarding technique is not a CSTA content standard.
12D	Quick Keys: Copy, Paste & Undo	—	No CSTA Equivalent	Keyboard shortcuts are not a CSTA content standard.
12E	Tech Helpers: Fixing It Together	1B-CS-03	Strong Match	Both cover troubleshooting simple hardware/software problems.

Grade 4 (Texas TEKS §126.9)

CSTA comparison band: 1B (Grades 3-5)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Breaking Down Story Problems	1B-AP-11	Strong Match	Both cover decomposing a problem into smaller subproblems.
1B	Finding Patterns	—	No CSTA Equivalent	No CSTA standard addresses pattern recognition in story problems at any K-8 band; the closest near-miss (1A-DA-07) is about patterns in data visualizations, a different skill, and is a K-2 standard.
1C	Communicating Design Plans	1B-AP-17	Partial Match	CSTA's standard is scoped to describing program-development choices; TX's is broader, covering any design plan or solution.
1D	Debugging Algorithms	1B-AP-15	Strong Match	Both cover testing and fixing errors in an algorithm/program.
2A	Using Variables to Change Data	1B-AP-09	Strong Match	Exact match — both cover programs that use variables to store and modify data.
2B	Designing Programs with Sequences, Loops & Conditionals	1B-AP-10	Strong Match	Both cover programs built from sequences, loops, and conditionals.
3A	Design Process Skills	—	No CSTA Equivalent	No 1B content standard covers personal design-process skills; this maps to CSTA's cross-cutting Practice 1, not a numbered standard.
3B	Testing, Improving & Refining Your Design	2-AP-15	Match, Different Band	CSTA's closest match ('seek and incorporate feedback...to refine a solution') is written for grades 6-8, one band later than this TX standard.
4	Identifying Emerging Technology	1B-IC-18	Partial Match	TX asks students to identify examples; CSTA's standard asks students to discuss cultural impact — related but not identical depth.
5A	Classifying Numerical & Non-Numerical Data	—	No CSTA Equivalent	No CSTA standard addresses classifying data by type at the 1B band.
5B	Collecting Data with	2-DA-08	Match, Different	CSTA's closest match

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
	Keyword Search Strategies		Band	on data collection (2-DA-08) is a grades 6-8 standard; TX introduces keyword search strategies one band earlier.
6	Data to Chart to Answer	1B-DA-07	Strong Match	Both cover using data/digital tools to make inferences and answer questions.
7	Share What You Found	1B-DA-06	Partial Match	CSTA's standard is about visual organization of data; TX frames it as communicating results to an audience — overlapping but not identical.
8A	Your Digital Footprint	—	No CSTA Equivalent	No CSTA standard at any K-8 band names 'digital footprint' explicitly.
8B	Digital Etiquette for Text, Email & Chat	1A-IC-17	Match, Different Band	CSTA's closest match ('work respectfully and responsibly with others online') is a K-2 (1A) standard; TX revisits it with more specific communication channels at Grade 4.
8C	Digital Etiquette for Working Together Online	1B-IC-20	Partial Match	CSTA's standard is about seeking diverse perspectives to improve artifacts; TX's is about etiquette in shared/collaborative platforms specifically.
9A	Using Technology Responsibly	—	No CSTA Equivalent	CSTA's published standards do not name an 'acceptable use policy' standard at the 1B band.
9B	Understanding Copyright	1B-IC-21	Strong Match	Both address respecting copyright and permission when using others' digital content.
9C	Giving Credit: Citing Digital Sources	1B-AP-14	Partial Match	CSTA's attribution standard is scoped to remixing programs specifically; TX's is about citation format for any digital media.
10A	Keeping Your Accounts Safe	1A-NI-04	Match, Different Band	CSTA's exact-match password standard is a K-2 (1A) standard; TX reinforces it again at Grade 4 with an added 'explain importance' component.

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
10B	Protecting Your Digital Privacy	1B-NI-05	Strong Match	Both address real-world personal-data protection online.
10C	Standing Up to Cyberbullying	—	No CSTA Equivalent	CSTA's published 2017 standards do not name cyberbullying explicitly at any K-8 band.
11A	Choosing the Right App for the Job	—	No CSTA Equivalent	CSTA does not address productivity-application selection; outside CSTA's five core concepts.
11B	Word Processing Power-Ups	—	No CSTA Equivalent	Word-processing feature skills are not part of the CSTA framework.
12A	Exploring Virtual Systems	—	No CSTA Equivalent	CSTA's 2017 standards predate widespread K-5 AR/VR curricula and have no standard naming these tools at the 1B band.
12B	Saving It Right	—	No CSTA Equivalent	File-naming/folder-management conventions are not covered in the CSTA framework.
12C	Typing Like a Pro	—	No CSTA Equivalent	Keyboarding technique is not a CSTA content standard.
12D	Shortcut Superpowers	—	No CSTA Equivalent	Keyboard shortcuts are not a CSTA content standard.
12E	Tech Trouble?	1B-CS-03	Strong Match	Both cover troubleshooting simple hardware/software problems.

Grade 5 (Texas TEKS §126.10)

CSTA comparison band: 1B (Grades 3-5)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Decomposing Real-World Problems	1B-AP-11	Strong Match	Both cover decomposing a problem into smaller, manageable subproblems.
1B	Patterns & Predictions	—	No CSTA Equivalent	No CSTA standard addresses pattern recognition in real-world problems at the 1B band.
1C	Designing a Collaborative Outline	1B-AP-13	Strong Match	Both cover planning a coded solution collaboratively, incorporating others' input.
1D	Comparing Algorithms	1B-AP-08	Strong Match	Exact match — both cover comparing multiple algorithms for the same task.
2A	Using Variables to Store and Modify Data	1B-AP-09	Strong Match	Exact match — programs that use variables to store and modify data.
2B	Block-Based Programs	1B-AP-10	Strong Match	Exact match, including 'events' as a control structure.
2C	Analyzing Code to Reuse It	1B-AP-12	Strong Match	Both cover modifying/remixing existing code to build something new.
3A	Design Process Skills	—	No CSTA Equivalent	No 1B content standard covers personal design-process skills; maps to CSTA's cross-cutting Practice 1, not a numbered standard.
3B	Multiple Solutions	1B-AP-13	Partial Match	CSTA's iterative-planning standard is the closest available match, though it does not specifically call for generating multiple competing solutions.
4	Predicting Tech Impact	1B-IC-18	Partial Match	CSTA's standard discusses technologies that have already changed the world; TX asks students to predict future impact — related but different tense and scope.
5A	Quantitative & Qualitative Data	—	No CSTA Equivalent	No CSTA standard addresses data collection with digital tools at the 1B band (closest, 2-DA-08, is a grades 6-8 standard).

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
5B	Search Strategy Parts	—	No CSTA Equivalent	No CSTA standard at any band names formal search-strategy vocabulary such as keywords, Boolean operators, or limiters.
6	Analyzing Data to Make Inferences	1B-DA-07	Strong Match	Both cover using data/digital tools to make inferences and answer questions.
7	Communicating Data with Visualization	1B-DA-06	Strong Match	Both cover presenting data visually for an intended audience.
8A	Digital Footprint	—	No CSTA Equivalent	No CSTA standard at any K-8 band names 'digital footprint' explicitly.
8B	Digital Etiquette	1A-IC-17	Match, Different Band	CSTA's closest match ('work respectfully and responsibly with others online') is a K-2 (1A) standard; TX revisits it with audience-specific nuance at Grade 5.
8C	Collaboration Etiquette	1B-IC-20	Partial Match	CSTA's standard is about seeking diverse perspectives to improve artifacts; TX's is about etiquette across different collaborator audiences.
9A	Acceptable Use Policy	—	No CSTA Equivalent	CSTA's published standards do not name an 'acceptable use policy' standard at the 1B band.
9BC	Copyright and Citations	1B-IC-21, 1B-AP-14	Strong Match	Combines CSTA's copyright/permission standard (1B-IC-21) with its attribution standard (1B-AP-14); TX's citation-creation ask maps closely to both.
10A	Cybersecurity Strategies	1B-NI-05	Strong Match	Both cover real-world cybersecurity strategies to protect information.
10B	Data Tracking & Privacy	1B-NI-05	Strong Match	Both cover how personal data can be tracked/collected and how to protect privacy.
10C	Standing Up Online	—	No CSTA Equivalent	CSTA's published 2017 standards do not name cyberbullying explicitly at any K-8 band.
11A	File Types	—	No CSTA Equivalent	File-type identification is not part of the CSTA

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				framework.
11B	Software Functions	—	No CSTA Equivalent	Productivity-software feature skills are not part of the CSTA framework.
12A	Systems & Networks	1B-CS-02, 1B-NI-04	Partial Match	TX blends operating-system, virtual-system, and network vocabulary into one standard; CSTA splits these across separate standards.
12B	File Organization	—	No CSTA Equivalent	File-naming/folder-management conventions are not covered in the CSTA framework.
12C	Keyboarding & Ergonomics	—	No CSTA Equivalent	Keyboarding technique is not a CSTA content standard.
12D	Shortcut Fluency	—	No CSTA Equivalent	Keyboard shortcuts are not a CSTA content standard.
12E	Help Sources	1B-CS-03	Partial Match	CSTA's troubleshooting standard is the closest match, though TX's version is scoped narrowly to using help resources rather than general troubleshooting strategy.

Grade 6 (Texas TEKS §126.17)

CSTA comparison band: 2 (Grades 6-8)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Decomposing Problems	2-AP-13	Strong Match	Both cover decomposing problems into parts using visual/structural representation.
1B	Patterns in Diagrams	—	No CSTA Equivalent	No CSTA standard at Level 2 addresses pattern analysis in visual representations — the pattern-recognition gap continues from the 1B band.
1C	Abstraction	—	No CSTA Equivalent	Abstraction is one of CSTA's cross-cutting Practices (Practice 4), not a numbered content standard, so there is no single standard to cite.
1D	Planning Before Coding	2-AP-18	Strong Match	Both cover collaboratively planning and timelining the development of a coded solution.
1E	Debugging Techniques	2-AP-17	Strong Match	CSTA's Level 2 standard drops the word 'debug' in favor of 'systematically test and refine,' but it is the direct successor to the 1B debugging standard.
1F	The Power of Iteration	2-AP-12	Partial Match	CSTA's standard covers building programs with loops; TX's asks students to reflect on why iteration is useful, a step beyond CSTA's implementation-only framing.
2A	Variables, Defined & Labeled	2-AP-11	Strong Match	Both cover creating clearly named/labeled variables.
2B	Building Real Programs	2-AP-12	Strong Match	Both cover programs with control structures such as loops and conditionals (TX adds 'events,' which CSTA does not name at this band).
3A	Resolving Design Challenges	—	No CSTA Equivalent	No Level 2 content standard covers personal traits like goal-setting or confidence; maps to CSTA's cross-cutting

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				Practice 1.
3B	Comparing Outcomes	2-AP-17	Partial Match	CSTA's closest match is scoped to testing/refining programs with test cases; TX's is broader, about comparing any design outcome.
3C	Design Across Industries	—	No CSTA Equivalent	No CSTA standard addresses how design processes are applied across industries.
4A	Technology Through History	—	No CSTA Equivalent	CSTA's Level 2 Impacts-of-Computing standards focus on tradeoffs, bias, and privacy — not the history of technology, which has no direct CSTA counterpart.
4B	Global Trends, New Technology	—	No CSTA Equivalent	No CSTA standard addresses global trends driving technology development.
4C	From Known to New	—	No CSTA Equivalent	No CSTA standard addresses transferring prior knowledge to new technologies.
5A	True or False? (Boolean Data)	2-DA-07	Partial Match	CSTA's standard covers representing data with multiple encoding schemes generally; TX narrows this to Boolean expression specifically.
5B	Search Smarter	—	No CSTA Equivalent	No CSTA standard at any band names advanced search-strategy vocabulary such as Boolean operators or limiters.
6	From Data to Discovery	2-DA-08	Strong Match	Both cover using digital/computational tools to transform data and surface trends or inferences.
7	Data That Speaks	—	No CSTA Equivalent	Notable gap: CSTA's Data and Analysis concept has no 'communicate/publish results' standard at Level 2, even though this subconcept exists at 1B (1B-DA-06) — CSTA does not carry it forward to grades 6-8.
8A	Your Digital Trail	—	No CSTA Equivalent	No CSTA standard at any K-8 band names 'digital footprint'

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				explicitly.
8B	Formal or Informal?	—	No CSTA Equivalent	Notable gap: CSTA's digital-etiquette standards (1A-IC-17, and etiquette content at 1B) are not carried forward as an explicit standard at Level 2.
8C	Better Together, Online	2-IC-22	Partial Match	CSTA's standard is about collaborating with many contributors via crowdsourcing/surveys; TX's is about etiquette on collaborative platforms such as video conferencing.
9A	Rules and Real Ethics	—	No CSTA Equivalent	CSTA's published standards do not name an 'acceptable use policy' standard at any K-8 band.
9B	Who Owns This?	1B-IC-21	Match, Different Band	CSTA does not repeat or extend its copyright/IP standard past the 1B (grades 3-5) band; TX continues teaching it explicitly at Grade 6, one band later than CSTA's only coverage of the topic.
9C	Give Credit Where It	1B-AP-14	Match, Different Band	Same pattern as 9B — CSTA's attribution standard exists only at the 1B band and is not restated at Level 2.
9D	Is It Really True?	—	No CSTA Equivalent	Misinformation/media-literacy content has no CSTA counterpart at any band.
10A	Spot the Threat	2-NI-05	Strong Match	Both cover how digital security measures protect against real-world threats.
10B	Recognize It, Report It	—	No CSTA Equivalent	CSTA's published 2017 standards do not name cyberbullying explicitly at any K-8 band.
11	Choose Your Format	—	No CSTA Equivalent	File-format creation across media types is not covered by the CSTA framework.
12A	Speak Tech Fluently	—	No CSTA Equivalent	General technology vocabulary is not itself a CSTA content standard.
12B	Organized & Protected	—	No CSTA Equivalent	File-management strategies are not

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				covered in the CSTA framework.
12C	Right Tool, Right Task	—	No CSTA Equivalent	Platform/tool selection for a task is not a CSTA content standard.
12D	Type Faster, Type Smarter	—	No CSTA Equivalent	Keyboarding speed/accuracy is not a CSTA content standard.
12E	Work Smarter, Not Harder	—	No CSTA Equivalent	Keyboard shortcuts are not a CSTA content standard.
12F	Find Your Own Answer	2-CS-03	Partial Match	CSTA's standard is about systematic troubleshooting of devices; TX's is narrower, about using help resources specifically.
12G	Where Does Your Data Live?	—	No CSTA Equivalent	Storage location/cloud architecture is not explicitly named in the CSTA framework at any K-8 band.
12H	Build It, Chart It, Publish It	—	No CSTA Equivalent	Productivity-suite tool use (spreadsheet, word processor, publisher) is not covered by the CSTA framework.

Grade 7 (Texas TEKS §126.18)

CSTA comparison band: 2 (Grades 6-8)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Decomposing Problems	2-AP-13	Strong Match	Both cover decomposing problems into parts using a structured visual representation (flowcharts).
1B	Analyzing Patterns	—	No CSTA Equivalent	No CSTA standard at Level 2 addresses pattern analysis in flowcharts — the pattern-recognition gap continues from earlier bands.
1C	Generalizing an Algorithm	—	No CSTA Equivalent	No Level 2 standard covers generalizing a created algorithm to new problems; the closest conceptual match (3A-AP-14, using lists to generalize) is a grades 9-10 standard.
1D	Designing a Collaborative Plan	2-AP-18	Strong Match	Both cover collaboratively planning and timelining the development of a coded solution.
1E	Analyzing Debugging	2-AP-17	Strong Match	CSTA's 'systematically test and refine programs' standard is the direct successor to earlier-band debugging standards.
1F	Analyzing the Benefits	2-AP-12	Partial Match	CSTA's standard covers building programs with loops; TX's asks students to reflect on why iteration is useful, beyond CSTA's implementation-only framing.
2A	Manipulating Variables	2-AP-11	Strong Match	Both cover naming/labeling variables and working with different data types.
2B	Creating Programs	2-AP-12, 2-AP-13	Strong Match	Combines CSTA's nested-loop control-structure standard with its subproblem-decomposition standard.
3A	Resolving Design Challenges	—	No CSTA Equivalent	No Level 2 content standard covers personal traits like goal-setting or self-advocacy; maps to CSTA's cross-cutting

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				Practice 1.
3B	Implementing a Design Process	2-AP-15	Partial Match	CSTA's standard is scoped to incorporating feedback to refine a solution; TX's is broader, covering the full plan-select-refine design cycle.
3C	The Design Process	—	No CSTA Equivalent	No CSTA standard addresses how design processes are applied across industries.
4A	How Technology Has Changed	—	No CSTA Equivalent	CSTA's Level 2 Impacts-of-Computing standards focus on tradeoffs, bias, and privacy — not the history of technology.
4B	How Global Trends	—	No CSTA Equivalent	No CSTA standard addresses global trends driving technology development.
4C	Transferring Knowledge	—	No CSTA Equivalent	No CSTA standard addresses transferring prior knowledge to new technologies.
5A	Off or On? (Binary)	2-DA-07	Strong Match	Binary number representation is a direct example of CSTA's 'multiple encoding schemes' standard.
5B	Which Search Wins?	—	No CSTA Equivalent	No CSTA standard at any band names advanced search-strategy vocabulary such as Boolean operators or limiters.
6	What Happens Next?	2-DA-08, 2-DA-09	Strong Match	Both cover transforming data to surface trends, inferences, and predictions.
7	Facts or Persuasion?	—	No CSTA Equivalent	Same gap as Grade 6: CSTA's Data and Analysis concept has no 'communicate/publish results' standard at Level 2.
8A	Sort It Out	—	No CSTA Equivalent	No CSTA standard at any K-8 band names 'digital footprint' explicitly.
8B	Draft. Feedback. Revise.	—	No CSTA Equivalent	Same gap as Grade 6: CSTA's digital-etiquette content is not carried forward as an explicit standard at Level 2.
8C	Lights, Camera,	2-IC-22	Partial Match	CSTA's standard is

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
	Collaborate			about collaborating with many contributors via crowdsourcing/surveys; TX's is about etiquette on collaborative platforms.
9A	Set the Example	—	No CSTA Equivalent	CSTA's published standards do not name an 'acceptable use policy' standard at any K-8 band.
9B	Protect the Creation	1B-IC-21	Match, Different Band	CSTA does not repeat or extend its copyright/IP standard past the 1B (grades 3-5) band; TX continues teaching it at Grade 7.
9C	Give Credit, Every Time	1B-AP-14	Match, Different Band	Same pattern as 9B — CSTA's attribution standard exists only at the 1B band.
9D	Real or Exaggerated?	—	No CSTA Equivalent	Misinformation/media-literacy content has no CSTA counterpart at any band.
10A	Defend Yourself Online	2-NI-05	Strong Match	Both cover digital security measures that protect against real-world threats.
10B	Harm on Both Sides	—	No CSTA Equivalent	CSTA's published 2017 standards do not name cyberbullying explicitly at any K-8 band.
11	The Right Tool, Every Step	—	No CSTA Equivalent	Choosing tools to create/share artifacts generally is not a distinct CSTA content standard.
12A	Say It Precisely	—	No CSTA Equivalent	General technology vocabulary/terminology use is not itself a CSTA content standard.
12B	Get It Organized	—	No CSTA Equivalent	File-management strategies are not covered in the CSTA framework.
12C	App or Equipment?	—	No CSTA Equivalent	Platform/hardware selection for a task is not a CSTA content standard.
12D	Measure Your Progress	—	No CSTA Equivalent	Keyboarding speed/accuracy is not a CSTA content standard.
12E	Beyond Copy and Paste	—	No CSTA Equivalent	Keyboard shortcuts are not a CSTA content standard.
12F	Research. Test.	2-CS-03	Strong Match	Both cover

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
	Confirm.			systematically researching and testing solutions to hardware/software problems.
12G	Where Should It Live?	—	No CSTA Equivalent	Storage location/cloud architecture is not explicitly named in the CSTA framework at any K-8 band.
12H	Build It Up	—	No CSTA Equivalent	Productivity-suite tool use is not covered by the CSTA framework.

Grade 8 (Texas TEKS §126.19)

CSTA comparison band: 2 (Grades 6-8)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Decomposing Problems	2-AP-13	Strong Match	Both cover decomposing problems into structured parts (TX via pseudocode).
1B	Patterns & Variables	2-AP-11	Partial Match	The variable-identification half matches CSTA's variables standard; the pattern-analysis half has no CSTA counterpart at any band.
1C	Generalizing Algorithms	—	No CSTA Equivalent	No Level 2 standard covers generalizing an algorithm to new problem types; the closest conceptual match (3A-AP-14) is a grades 9-10 standard.
1D	Collaborative Planning	2-AP-18	Strong Match	Both cover collaboratively planning and timelining a coded solution.
1E	Develop, Compare, [Improve Algorithms]	1B-AP-08	Match, Different Band	CSTA's 'compare and refine multiple algorithms' standard exists only at the 1B (grades 3-5) band and is not restated at Level 2.
1F	Iteration Benefits	2-AP-12	Partial Match	CSTA's standard covers building programs with loops; TX asks students to reflect on why iteration is useful.
2A	Variables & Data Types	2-AP-11	Strong Match	Exact match — named variables across multiple data types, with operations performed on their values.
2B	Nested Loops	2-AP-12, 2-AP-13	Strong Match	Combines CSTA's nested-loop control-structure standard with its subproblem-decomposition standard.
2C	Modifying Code	2-AP-16	Partial Match	CSTA's standard is about incorporating external code/libraries with attribution; TX's is about modifying one's own previously written code.
3A	Innovation Through [Risk-Taking]	—	No CSTA Equivalent	No Level 2 content standard covers

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				personal traits like risk-taking or tolerance; maps to CSTA's cross-cutting Practice 1.
3B	Evaluate & Refine	2-AP-15	Partial Match	CSTA's standard is scoped to incorporating feedback to refine a solution; TX's is broader, covering the full plan-test-evaluate-refine cycle.
3C	Design Process [Across Industries]	—	No CSTA Equivalent	No CSTA standard addresses how design processes are applied across industries.
4A	Evaluating [Tech History Impact]	—	No CSTA Equivalent	CSTA's Level 2 Impacts-of-Computing standards focus on tradeoffs, bias, and privacy — not the history of technology.
4B	Evaluate & Predict [Global Trends]	—	No CSTA Equivalent	No CSTA standard addresses global trends driving technology development.
4C	Near & Far Transfer	—	No CSTA Equivalent	No CSTA standard addresses transferring prior knowledge to new technologies.
5A	Comparing [Data Types]	2-DA-07	Strong Match	Comparing binary, integer, real-number, Boolean, and text representations is a direct example of CSTA's 'multiple encoding schemes' standard.
5B	Search Strategies	—	No CSTA Equivalent	No CSTA standard at any band names advanced search-strategy vocabulary such as Boolean operators or limiters.
6	Data to Product	2-DA-08, 2-DA-09	Strong Match	Both cover transforming data to surface trends, predictions, and inform next steps.
7	Publishing Data	—	No CSTA Equivalent	Same gap seen at Grades 6-7: CSTA's Data and Analysis concept has no 'communicate/publish results' standard at Level 2.
8A	Your Digital Footprint	—	No CSTA Equivalent	No CSTA standard at any K-8 band names 'digital footprint' explicitly.
8B	Formal	—	No CSTA Equivalent	Same gap seen at

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
	Communication			Grades 6-7: CSTA's digital-etiquette content is not carried forward as an explicit standard at Level 2.
8C	Collaborate & Publish	2-IC-22	Partial Match	CSTA's standard is about collaborating with many contributors via crowdsourcing/surveys; TX's is about etiquette when publishing to a global audience.
9A	Practice & Advocate	—	No CSTA Equivalent	CSTA's published standards do not name an 'acceptable use policy' standard at any K-8 band.
9B	Adhering to [IP Law]	1B-IC-21	Match, Different Band	CSTA does not repeat or extend its copyright/IP standard past the 1B (grades 3-5) band; TX continues teaching it at Grade 8.
9C	Citing AI & [Sources]	1B-AP-14	Match, Different Band	Same cross-band pattern as 9B. Note: TX's explicit inclusion of citing AI-generated content has no CSTA counterpart at all — the 2017 CSTA standards predate mainstream generative AI.
9D	Evaluating Bias	2-IC-21	Partial Match	CSTA's bias standard is about bias in the design of technologies; TX's is about bias in information sources/content — a related but different angle on 'bias.'
10A	Analyzing [Cybersecurity Threats]	2-NI-05	Strong Match	Both cover identifying real-world cybersecurity threats and how to prevent harm.
10B	Warning Signs	—	No CSTA Equivalent	CSTA's published 2017 standards do not name cyberbullying explicitly at any K-8 band.
11A	Combining [File Formats]	—	No CSTA Equivalent	Combining file formats for a project is not covered by the CSTA framework.
11B	Sharing Files	—	No CSTA Equivalent	Sharing/seeking feedback on files across formats is not a CSTA content

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				standard.
12A	Technology [Terminology]	—	No CSTA Equivalent	General technology vocabulary use is not itself a CSTA content standard.
12B	File [Management]	—	No CSTA Equivalent	File-management strategies are not covered in the CSTA framework.
12C	Selecting Tools	—	No CSTA Equivalent	Platform/tool selection for data transfer is not a CSTA content standard.
12D	Typing Data	—	No CSTA Equivalent	Keyboarding speed/accuracy is not a CSTA content standard.
12E	Shortcut	—	No CSTA Equivalent	Keyboard shortcuts are not a CSTA content standard.
12F	Troubleshooting	2-CS-03	Strong Match	Both cover applying troubleshooting techniques and seeking help when needed.
12G	Local & Remote	—	No CSTA Equivalent	Storage location/cloud architecture is not explicitly named in the CSTA framework at any K-8 band.
12H	Integrating	—	No CSTA Equivalent	Productivity-suite tool use is not covered by the CSTA framework.

Fundamentals of Computer Science (High School) (Texas TEKS TX CTE Fundamentals of Computer Science)

CSTA comparison band: 3A (Grades 9-10), with several cross-band references

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
1A	Job & Internship	—	No CSTA Equivalent	Career/internship exploration is CTE employability content; CSTA's framework does not cover job-search skills.
1B	Certifications, Resumes & Portfolios	—	No CSTA Equivalent	Career-credentialing content is not part of the CSTA framework.
1C	Technical Reading	—	No CSTA Equivalent	General technical literacy is not a CSTA content standard.
1D	Verbal & Non-Verbal Communication	—	No CSTA Equivalent	General communication skills are not a CSTA content standard.
1E	Problem Solving	—	No CSTA Equivalent	General critical-thinking skill maps to CSTA's cross-cutting Practice 3, not a numbered content standard.
1F	Leadership & Teamwork	—	No CSTA Equivalent	General leadership/teamwork skills are not a CSTA content standard.
1G	Legal & Ethical Responsibilities	3A-IC-24	Partial Match	CSTA's standard evaluates computing's broad societal impact; TX's is scoped to professional legal/ethical responsibility in the CS field specifically.
1H	Planning & Time Management	—	No CSTA Equivalent	General planning/time-management skills are not a CSTA content standard.
1I	Comparing University CS Programs	—	No CSTA Equivalent	College-readiness content is not part of the CSTA framework.
2A	Investigating Career Opportunities	—	No CSTA Equivalent	Career exploration and reporting is CTE employability content, not covered by CSTA.
2B	Creating Algorithms	3A-AP-13	Strong Match	Both cover creating algorithm-based prototypes to solve computational problems.
2C	Creating & Publishing Web Pages	3A-AP-16	Partial Match	CSTA's standard covers iteratively developing

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				computational artifacts generally; TX's is scoped specifically to HTML/JavaScript/XML web pages.
2D	Functional UI Design	3A-AP-21	Partial Match	CSTA's standard is about evaluating/refining artifacts for usability and accessibility; TX's is about applying visual design standards (spacing, fonts, color) up front.
3A	Seeking Feedback	3A-AP-19	Strong Match	Both cover incorporating feedback from others (peers, educators, professionals/users) to improve a solution.
3B	Debug It	2-AP-17	Match, Different Band	CSTA has no explicit 'debug a program' standard at the 3A band; the closest match (systematically test and refine programs) is a grades 6-8 standard.
3C	Publish It	—	No CSTA Equivalent	CSTA's Data and Analysis concept has no 'communicate/publish results' standard past the 1B (grades 3-5) band — the gap persists all the way to 3A.
4A	Scripts & Widgets	—	No CSTA Equivalent	Inserting external web-page objects (scripts/widgets) is a specific web-development skill with no CSTA content-standard counterpart.
4B	Think in Binary	3A-DA-09	Strong Match	Both cover translating between binary and other real-world data representations.
4C	Understand It First	—	No CSTA Equivalent	Identifying a problem's description/purpose/goals maps to CSTA's cross-cutting Practice 3, not a numbered content standard.
4D	Code It	3A-AP-16	Strong Match	Both cover developing computational artifacts (stories, games, animations)

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				for personal expression or practical intent.
4E	Choose the Type	2-AP-11	Match, Different Band	CSTA's 'different data types' standard is a grades 6-8 standard; the 3A band assumes data types are known and moves on to lists (3A-AP-14) rather than restating them.
4F	Track It (Variables)	2-AP-11	Match, Different Band	Same pattern as 4E — basic variable use is a grades 6-8 standard; 3A assumes it and does not restate it.
4G	Do the Math (Operators)	—	No CSTA Equivalent	Arithmetic-operator usage is not named as its own CSTA content standard at any band.
4H	Order Matters (Sequence)	2-AP-12	Match, Different Band	Basic sequencing is folded into control-structure standards at earlier bands (2-AP-12 and below); CSTA does not restate it as a stand-alone concept at 3A.
4I	Decide It (Conditionals)	2-AP-12	Match, Different Band	Same pattern as 4H — conditionals are covered in earlier-band control-structure standards, not restated at 3A.
4J	Repeat It (Iteration)	2-AP-12	Match, Different Band	Same pattern as 4H/4I — iteration is covered in earlier-band control-structure standards, not restated at 3A.
4K	Roll With It (Random Numbers)	—	No CSTA Equivalent	Random-number generation is not named as its own CSTA content standard at any band.
4L	Test It	2-AP-17	Match, Different Band	CSTA has no explicit program-testing standard at 3A; the closest match is a grades 6-8 standard.
5A	Cite It Right	1B-IC-21, 1B-AP-14	Match, Different Band	CSTA's copyright/citation standards exist only at the 1B (grades 3-5) band and are not restated at 3A, even though this FCS course is a high-school course.
5B	Share It Openly	1B-IC-21	Match, Different Band	Same pattern as 5A — CSTA's open-source/public-domain

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				content exists only at the 1B band.
5C	Be a Good Digital Citizen	—	No CSTA Equivalent	CSTA's digital-etiquette and AUP-adjacent content does not appear as an explicit standard past the elementary bands; no clean 3A counterpart exists.
5D	Stay Secure	3A-NI-06	Strong Match	Both cover recommending security measures (passwords, malware/virus protection) appropriate to the scenario.
5E	Computing & Society	3A-IC-24	Strong Match	Both cover the impact of computing advancements on society.
5F	Trust But Verify	—	No CSTA Equivalent	Evaluating the reliability of electronic media is a media-literacy skill with no CSTA content-standard counterpart.
6A	Inside the Computer	1A-CS-02	Match, Different Band	CSTA's exact-match standard on identifying hardware components (CPU, storage, peripherals) is a K-2 (1A) standard; this FCS course revisits it at high-school entry level.
6B	Get Organized (File Management)	—	No CSTA Equivalent	File-management strategies are not covered anywhere in the CSTA framework.
6C	Compare & Choose (Operating Systems)	3A-CS-02	Partial Match	CSTA's standard frames this as comparing abstraction layers across application/system software/hardware; TX's is a simpler side-by-side OS comparison.
6D	App vs. OS	3A-CS-02	Partial Match	Same CSTA standard as 6C, applied to a narrower application-vs-OS distinction.
6E	The Full Cycle (I/O & Storage)	1A-CS-02	Match, Different Band	The input-processing-output-storage cycle is closest to CSTA's K-2 hardware-components standard; no 3A standard

TEKS Locator	TEKS Unit Title	Nearest CSTA Standard(s)	Fit	Why
				restates this basic cycle.

Sources & Disclaimer

Texas standard text: Texas Education Agency, 19 TAC Chapter 126, Subchapters A and B (Technology Applications / Computer Science), current as adopted. CSTA standard codes: CSTA K-12 Computer Science Standards, Revised 2017, Computer Science Teachers Association (csteachers.org), used here as citation identifiers only, licensed CC BY-NC-SA 4.0. This is an independently produced correlation guide; it is not endorsed by CSTA, the Association for Computing Machinery, or the Texas Education Agency. Fit ratings reflect the professional judgment of the author and are provided for curriculum-planning reference, not as an official crosswalk from either standards body.

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Matt Cole holds a Master's Degree in Information Technology and has spent over two decades working in healthcare IT, including project management roles. He served a full five-year term on the Pocola Public School Board, where he helped shape district vision, policies, and curriculum decisions. His ongoing professional learning and service in public education drive Sooner Standards' commitment to rigorous, future-focused resources for computer science students.

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