California Assessment Accessibility Resources Matrix

The California Assessment Accessibility Resources Matrix (Accessibility Matrix) displays the embedded and non-embedded universal tools, designated supports, and accommodations (UDAs) allowed as part of the California Assessment of Student Performance and Progress (CAASPP) and English Language Proficiency Assessments for California (ELPAC) Systems for 2020–21.

To determine the use of resources for individual students, this document should be used in conjunction with the following:

- *Smarter Balanced Consortium: Usability, Accessibility, and Accommodations Guidelines* (https://portal.smarterbalanced.org/library/en/usability-accessibility-and-accommodations-guidelines.pdf)

- *California Science Test Accessibility Supports for Operational Testing* (https://www.cde.ca.gov/ta/tg/ca/documents/castaccesssupt.pdf)

- *California Spanish Assessment Accessibility Supports for Operational Testing* (http://www.caaspp.org/rsc/pdfs/CSA.accessibility-considerations.2018.pdf)

- *English Language Proficiency Assessments for California Accessibility Resources for Operational Testing* (https://www.cde.ca.gov/ta/tg/ep/documents/accessibilityresources.docx)

- *California Code of Regulations* (http://bit.ly/2eHz72b), Title 5 (5 *CCR*), sections 850 through 864 of the CAASPP regulations and sections 11517.6 through 11519.5 of the ELPAC regulations

The appropriate use of UDAs on CAASPP computer-based tests and ELPAC computer-based and paper-based tests are restricted to only those identified in this document. For UDAs for CAASPP special-form tests, please visit caaspp.org. Embedded resources are digitally delivered as part of the technology platform for the computer-based tests. Non-embedded resources are available when provided by the local educational agency (LEA) for either computer-administered or special-form tests. Keep the following in mind:

- Some embedded UDAs are available only for specific items (i.e., test questions) or specific domains for which they are allowed.

- If a non-embedded resource is shown to be available for "allowed items," it may be used only for the specific items for which the embedded version of the resource is available.

- The accessibility resources in the Accessibility Matrix identified as UDAs are available for the listed, approved assessments and do not change the construct of what is being assessed. Students who receive these accessibility resources will receive a valid score.

The Accessibility Matrix contains five parts:

Part 1—Universal Tools

Part 2—Designated Supports

Part 3—Accommodations

Part 4—Instructional Supports and Resources for the Alternate Assessments

Part 5—Unlisted Resources

Note that Part 5—Unlisted Resources includes a list of pre-identified unlisted resources that have been determined to change the construct being measured.

Part 1—Universal Tools

Universal tools are available to *all* students on the basis of student preference and selection.

The table below shows the available embedded (EM) and non-embedded (Non-EM) universal tools for the following California tests: Smarter Balanced and California Alternate Assessment (CAA) for English language arts/literacy (ELA), mathematics, and science; California Science Test (CAST); the California Spanish Assessment (CSA); the computer-based ELPAC (ELPAC-CBA); and the paper-based ELPAC (ELPAC-P).

Universal Tool	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Breaks	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	For CAASPP the number of items per session can be flexibly defined based on the student's need. Students may take a break when needed. Students may require extra time to complete the assessment if using this resource. For the ELPAC, breaks, including those during testing over more than one day, between the domains are permitted. Breaks may be permitted for students who need additional time to finish testing in a domain to allow for rescheduling. However breaks in the middle of a domain as identified in the students individualized education program (IEP) are allowed as an accommodation. Refer to the breaks accommodation.

Universal Tool	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Calculator	Yes	No	No	Yes	Yes	No	No	No	An embedded on-screen digital calculator can be accessed for calculator-allowed items when students select the calculator button. For mathematics, this tool is available only on the specific items for which the *Smarter Balanced Item Specifications* indicated as appropriate in grades 6–8 and grade 11. For science, this tool is available as a four-function calculator for grade 5 and a scientific calculator for grade 8 and high school. Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.
Digital notepad	Yes	No	Yes	Yes	Yes	Yes	Yes	No	This tool is used for making notes about an item. It is item-specific and available through the end of the test segment.
English dictionary	Yes	Yes	Yes	No	No	No	No	No	An English dictionary is available for the full-write portion of an ELA performance task, but not for short paragraph responses. A full-write is the second part of a performance task.
English glossary	Yes	No	Yes	Yes	Yes	No	No	No	Grade- and context-appropriate definitions of specific construct-irrelevant terms are shown, in English, in a pop-up window on the screen.

Universal Tool	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
English thesaurus	Yes	Yes	Yes	No	No	No	No	No	A thesaurus is available for the full-write portion of an ELA performance task, and not available for short-paragraph responses. A thesaurus contains synonyms of terms in the text with which a student interacts on the assessment. A full write is the second part of a performance task.
Expandable items	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Each item can be expanded so it takes up a larger portion of the screen.
Expandable passages	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Each passage or stimulus can be expanded so it takes up a larger portion of the screen.
Global notes	Yes	No	Yes	No	No	No	No	No	Global notes is a notepad that is available for ELA performance tasks in which students complete a full write; it is not for short-paragraph responses. A full write is the second part of a performance task. The student selects the notepad icon for the notepad to appear.
Highlighter (embedded)	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	The highlighter is a digital tool for marking desired text, item questions, and item answers or parts of them with a color.
Highlighter (non-embedded)	No	Yes	No	No	No	No	No	Yes	A highlighter may be used in the test book in grades two through twelve.
Keyboard navigation	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Navigation through text can be accomplished by using a keyboard (using the function keys instead of a mouse).

Universal Tool	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Line reader (embedded)	Yes	No	Yes	Yes	Yes	Yes	Yes	No	The student uses an on-screen tool to assist in reading by raising and lowering the tool for each line of text on the screen.
Line reader (non-embedded)	No	Yes	No	No	No	No	No	Yes	The student may use a paper line reader.
Mark for review (embedded)	Yes	No	Yes	Yes	Yes	Yes	Yes	No	This tool allows the student to flag items for future review during the assessment.
Mark for review (non-embedded)	No	Yes	No	No	No	No	No	Yes	Students may mark in their test books, including noting items for review, using highlighters in grades 2–12. In grades 3–12, students may use other writing utensils in addition to a highlighter.
Math tools	Yes	No	No	Yes	Yes	No	No	No	These digital tools (i.e., embedded ruler, embedded protractor) are used for measurements related to specific items.
Oral clarification of test directions by the test examiner in English	No	Yes	No	No	No	No	Yes	Yes	The test examiner provides clarification of test directions to students in English.
Science charts	Yes	No	No	No	Yes	No	No	No	These digital tools (i.e., periodic table of the elements and reference sheets) are available for students in grade 8 and high school.

Universal Tool	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Science tools	Yes	No	No	No	Yes	No	No	No	These digital tools (i.e., analog clock, laboratory equipment) are available for all grade levels.
Scratch paper	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Students may use blank scratch paper to make notes, write computations, record responses, or create graphic organizers. Only plain paper or lined paper is appropriate for ELA and ELPAC. Graph paper is required beginning in grade 6 and can be used on all math assessments. A whiteboard with marker may be used as scratch paper. As long as the construct being measured is not impacted, assistive technology devices, including low-tech assistive technology (Math Window), are permitted to make notes, including the use of digital graph paper. The use of assistive devices without the internet is allowed.
Spell check	Yes	No	Yes	No	No	No	No	No	The writing tool for checking the spelling of words in student-generated responses, spell check gives only an indication that a word is misspelled. It does not provide the correct spelling. This tool is available only on the specific items for which the *Smarter Balanced Item Specifications* indicated as appropriate.

Universal Tool	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Strikethrough (embedded)	Yes	No	Yes	Yes	Yes	Yes	Yes	No	This tool allows users to cross out answer options. If an answer option is an image, a strikethrough line will not appear, but the image will be grayed out.
Strikethrough (non-embedded)	No	Yes	No	No	No	No	No	Yes	Students may use pencils in their test books to strike through images or options.
Test navigation assistant	No	Yes	No	No	No	No	Yes	No	New arrivals and students who are unfamiliar with the test delivery device or are technology novices and do not have the necessary computer skills to participate in the computer-based ELPAC may have a trained test examiner assist with the mouse point-and-click and scroll bar, onscreen tool or button navigation (i.e., back, next, submit, start and stop recording, play speaking, and recording), and keyboarding necessary for starting the test session. The test navigation assistant is allowed to assist *only* with the technology as indicated by the student. The test navigation assistant can be used during one-on-one or group administrations. The use of keyboarding assistance in the test is not permitted. The test navigation assistant must follow approved guidelines.

Universal Tool	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Translations (glossary)	Yes	No	No	No	No	Yes	No	No	Translated glossaries are a language support. The translated glossaries are provided for selected construct-irrelevant terms. Embedded translations for these terms appear on the computer screen when students select them. Students with the language glossary setting enabled can view the translated glossary. Students also can select the audio icon next to the glossary term and listen to the audio recording of the glossary. For the CSA, this resource is a universal tool. For math and science, refer to the translations (glossary) designated support.
Writing tools	Yes	No	Yes	Yes	Yes	No	Yes	No	Selected writing tools (i.e., bold, italic, bullets, undo, and redo) are available for all student-generated responses. For ELA and math, this resource is available for specific items only. For ELPAC this resource is available for grades 3–12.
Zoom (in/out)	Yes	No	Yes	Yes	Yes	Yes	Yes	No	The default font size for all tests is 14 point. The student can make text and graphics larger by selecting the [Zoom In] button. The student can select the [Zoom Out] button to return to the default or select a smaller font size.

Part 2—Designated Supports

Designated supports are available to *all* students when determined for use by an educator or team of educators (with parent/guardian and student input, as appropriate) or specified in the student's individualized education program (IEP) or Section 504 plan.

The table below shows the available embedded (EM) and non-embedded (Non-EM) designated supports for the following California tests: Smarter Balanced and California Alternate Assessment (CAA) for English language arts/literacy (ELA), mathematics, and science; California Science Test (CAST); the California Spanish Assessment (CSA); the computer-based ELPAC (ELPAC-CBA); and the paper-based ELPAC (ELPAC-P).

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
100s number table (CAST only)	No	Yes	No	No	Yes	No	No	No	This is paper-based table for reference, listing numbers 1–100, available from Smarter Balanced (http://www.caaspp.org/rsc/pdfs/CAASPP.hundreds-number-table.pdf).
Amplification	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The student adjusts the volume control beyond the computer's built-in settings using headphones or other non-embedded devices.
Bilingual dictionary	No	Yes	Yes	No	No	No	No	No	A bilingual/dual language word-to-word dictionary is a language support. It can be provided for the full-write portion of an ELA/literacy performance task, but not for short-paragraph responses. A full write is the second part of a performance task.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Calculator	No	Yes	No	No	Yes	No	No	No	This science resource is a non-embedded calculator for students needing a special calculator, such as a braille calculator or a talking calculator, currently unavailable within the assessment platform. For science, the basic calculator is to be used for grade 5, and a scientific calculator is to be used for grade 8 and high school.
Color contrast	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Students may adjust screen background or font color on their electronic device based on their needs or preferences. This may include reversing the colors for the entire interface or choosing the color of font and background.
Color overlay	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Students with attention difficulties may need this resource to view test content. This resource may also be needed by some students with visual impairments or other print disabilities (including learning disabilities). Choice of color should be informed by evidence of those colors that meet the student's needs.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Designated interface assistant	No	Yes	No	No	No	No	Yes	No	This designated support is available to students who are technology novices and have limited keyboarding skills that prevent them from responding. The designated interface assistant is available to help the students interact with, or type, their handwritten responses on the test platform. The designated interface assistant should be used only during one-on-one administration. \n\n This role meets the needs of ELPAC technology novices and young test takers.
Illustration glossaries	Yes	Yes	No	Yes	No	No	No	No	Illustration glossaries are a language support provided for selected construct-irrelevant terms for math. Illustrations for these terms appear on the computer screen when students select them. For the non-embedded version, illustrations for these terms appear in a supplement to the paper–pencil test and are identified by item number.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Magnification	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The size of specific areas of the screen (e.g., text, formulas, tables, graphics, navigation buttons, and mouse pointer) may be adjusted by the student with an assistive technology device or software. Magnification allows for increasing the size and changing the color contrast, including the size and color of the mouse pointer, to a level not provided for by the zoom universal tool, color contrast designated support, and/or mouse pointer designated support.
Masking	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Masking is a digital resource that involves blocking off content that is not of immediate need or that may be distracting to the student. The student is able to focus attention on a specific part of a test item by using the masking digital resource.
Masking	No	Yes	No	No	No	No	No	Yes	Masking is a non-embedded resource that involves blocking off content on the paper test that is not of immediate need or that may be distracting to the student. The student is able to focus attention on a specific part of a test item by using the masking non-embedded resource.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Medical supports	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Students may have access to medical supports for medical purposes (e.g., glucose monitor). The medical support may include a cell phone; however, it is no longer limited to devices and should support the student during testing only for medical reasons. Either the device settings must restrict access to other applications or the test administrator or test examiner must closely monitor the use of the device to maintain test security.
Mouse pointer (size and color)	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	This embedded support allows the mouse pointer to be set to a larger size and for the color to be changed. A test administrator or test examiner sets the size and color of the mouse pointer prior to testing.
Multiplication table (CAST only)	No	Yes	No	No	Yes	No	No	No	A paper-based multiplication table (1–12) for reference will be available from Smarter Balanced at http://www.caaspp.org/rsc/pdfs/CAASPP.multiplication-table.pdf.
Noise buffers	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Noise buffers are ear mufflers, white noise, and/or other equipment used to block external sounds.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Pause or replay audio—Listening domain	Yes	Yes	No	No	No	No	Yes	Yes	Students who may need the audio to slow down or stop momentarily may have the stimuli of the audio presentation in the Listening domain paused or replayed during the administration of the test questions. For CAASPP, when audio is present in an item, the ability to pause or replay audio is automatically provided.
Pause or replay audio—Speaking domain	Yes	Yes	No	No	No	No	Yes	Yes	Students who may need the audio to slow down or stop momentarily may have the audio presentation in the Speaking domain paused or replayed during the administration of the test questions in the Summarize an Academic Presentation task.
Print on demand	No	Yes	No	No	No	No	Yes	No	Paper copies of passages/stimuli and/or items are printed for students. To establish this setting, contact the California Technical Assistance Center (CalTAC) at caltac@ets.org. For ELPAC, this resource is a designated support. For CAASPP, refer to the Print on demand accommodation.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Read aloud	No	Yes	Yes (items)	Yes	Yes	Yes (items)	Yes (writing domain)	Yes (writing domain)	Text is read aloud to the student by a trained and qualified person who follows the administration guidelines for the ELPAC or the read aloud protocol for the CAASPP (https://portal.smarterbalanced.org/library/en/read-aloud-guidelines.pdf). All or portions of the content may be read aloud. For math and science Spanish stacked translation, refer to Read Aloud Spanish Guidelines at https://portal.smarterbalanced.org/library/en/read-aloud-guidelines-in-spanish.pdf. This resource is a designated support for all ELA and CSA items, and not for reading passages. Refer to the read aloud accommodation for ELA and CSA reading passages.
Science charts	No	Yes	No	No	Yes	No	No	No	Students receive state-approved paper versions of the science charts (i.e., periodic table of the elements and reference sheets), available for students in grade 8 and high school.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Scribe	No	Yes	Yes	Yes	Yes	Yes	No	No	Students dictate their responses to a person who records verbatim what they dictate. The scribe must be trained and qualified and must follow the scribing protocol at https://portal.smarterbalanced.org/library/en/scribing-protocol.pdf. This resource is a designated support for all items except the ELA performance task full write and the ELPAC. Refer to the scribe accommodation for ELA writing and the ELPAC.
Separate setting	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Test location is altered so the student is tested in a setting different from that made available for most students. Separate setting may also include most beneficial time, special lighting or acoustics, and adaptive furniture.
Simplified test directions	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The test administrator simplifies or paraphrases the test directions found in the *Test Administration Manual.* Refer to the *Guidelines for Simplified Test Directions* at https://portal.smarterbalanced.org/library/en/guidelines-for-simplified-test-directions.pdf.
Streamline	Yes	No	Yes	Yes	Yes	Yes	Yes	No	This designated support provides a streamlined interface of the test in an alternate, simplified format in which the items are displayed below the stimuli.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Text-to-speech	Yes	No	Yes (items)	Yes	Yes	Yes (items)	No	No	Text is read aloud to the student via embedded text-to-speech technology. The student is able to control the speed as well as the volume of the voice. For ELA and the CSA, this resource is a designated support for stimuli and items, but not for reading passages. For ELA and CSA reading passages and the ELPAC listening, speaking and writing domains, refer to the text-to-speech accommodation.
Translated test directions (embedded)	Yes	No	No	Yes	No	No	No	No	Translation of test directions is a language support available prior to beginning the actual test items. Students are presented with test directions in a language other than English. As an embedded designated support, translated test directions are automatically a part of the stacked translations designated support. Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Translated test directions (non-embedded)	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Translation of test directions is a language support available prior to beginning the actual test items. Students are presented with test directions in a language other than English. As a non-embedded designated support, PDFs of directions translated in each of the languages currently supported are available. A bilingual adult can read to the student. (Refer to the *CAASPP Accessibility Guide* on the Student Accessibility Resources and Test Settings web page at http://www.caaspp.org/administration/accessibility/index.html). For ELPAC, students who are deaf or hard of hearing and who typically use ASL or Manually Coded English can have the test directions signed to them.

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Translations (glossary)	Yes	Yes	No	Yes	Yes (EM only)	No	No	No	Translated glossaries are a language support. The translated glossaries are provided for selected construct-irrelevant terms. Embedded translations for these terms appear on the computer screen when students select them. Students with the language glossary setting enabled can view the translated glossary. Students also can select the audio icon next to the glossary term and listen to the audio recording of the glossary. Non-embedded translation glossaries are available for math only through Consortium-provided PDFs, in which the glossary terms are listed by item and include the English term and its translated equivalent. Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs. For math and science, this resource is a designated support. For CSA, refer to the translations (glossary) universal tool

Designated Support	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Translations (Spanish stacked)	Yes	No	No	Yes	Yes	No	No	No	Stacked translations are a language support. Stacked translations provide the full translation of each test item above the original item in English. For the CAST, some item responses are provided in either English only or Spanish only. Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.
Turn off any universal tool(s)	Yes	No	Yes	Yes	Yes	Yes	Yes	No	This designated support is the disabling of any universal tools that might be distracting or that students do not need to use or are unable to use.

Part 3—Accommodations

Accommodations must be permitted on CAASPP and ELPAC tests to all eligible students if specified in the student's IEP or Section 504 plan.

The table below shows the available embedded (EM) and non-embedded (Non-EM) accommodations for the following California tests: Smarter Balanced and California Alternate Assessment (CAA) for English language arts/literacy (ELA), mathematics (math), and science; California Science Test (CAST); the California Spanish Assessment (CSA); the computer-based ELPAC (ELPAC-CBA); and the paper-based ELPAC (ELPAC-P).

Accommodation	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
100s number table (math only)	No	Yes	No	Yes	No	No	No	No	A paper-based number table (1–100) for reference in all grades is available from Smarter Balanced (http://www.caaspp.org/rsc/pdfs/CAASPP.hundreds-number-table.pdf).
Abacus	No	Yes	No	Yes	Yes	No	No	No	This accommodation may be used in place of scratch paper for students who typically use an abacus.
Alternate response options	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Alternate response options include, but are not limited to, adapted keyboards, large keyboards, Sticky Keys, Mouse Keys, FilterKeys, adapted mouse, touch screen, head wand, and switches. For the ELPAC-P, student responses must be transcribed in the Answer Book by the test examiner or scribe.

Accommodation	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
American Sign Language (ASL)	Yes	No	Yes	Yes	Yes	Yes	Yes	No	For the embedded resource, test content is translated into ASL video. A person who is an ASL signer and the signed test content are viewed on the same screen. The student may view portions of the ASL video as often as needed. Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs. This resource is not available on the Alternate ELPAC as an embedded resource.
American Sign Language (ASL) or Manually Coded English	No	Yes	No	No	No	No	No	Yes	For the non-embedded ELPAC resource, ASL or Manually Coded English may be used for the presentation of and students' responses to the test questions.

Accommodation	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Audio transcript (includes braille transcript)	Yes	No	Yes	No	Yes	Yes	Yes	No	Some students who are deaf or hard of hearing (DHH) may have difficulty hearing the listening portion of the passage and may not have enough functional vision to read the closed captioning provided for the passage. These students, who are visually impaired or blind and DHH **and** who use braille, may have access to braille transcripts. For ELA, this resource is for listening portions of the test. The 2020–2021 CAST does not include any listening portion or audio. For CSA, this resource is in Spanish for listening passages. Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.
Audio transcript (includes braille transcript)	No	Yes	No	No	No	No	No	Yes	For the non-embedded ELPAC resource, this includes the use of written scripts by a test examiner for students for whom streamed audio is not available. The use of this accommodation may result in the need for additional overall time for the student to complete the assessment.

Accommodation	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Braille	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (Non-EM only)	This resource is a raised-dot code that individuals read with the fingertips. Graphic material (e.g., maps, charts, graphs, diagrams, and illustrations) is presented in a raised format (paper or thermoform), called tactile graphics. Contracted and non-contracted braille is available; Nemeth and UEB Technical code(s) are available for math. The embedded resource is both embossed and refreshable. To request the CAST tactile package, or the braille hybrid adaptive test for math, email CalTAC at caltac@ets.org. Paper–pencil tests are available if students cannot access the needed assistive technology for refreshable braille presentation and embossers for the administration of the computer-based CAASPP or ELPAC tests. Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs. In addition, this resource is not available on the Alternate ELPAC as an embedded resource.

Accommodation	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Breaks	No	Yes	No	No	No	No	Yes	Yes	Extended breaks in the middle of a domain-level test administration are allowed as an accommodation for students with disabilities who have a documented need.
Calculator	No	Yes	No	Yes	No	No	No	No	For math, this resource is a non-embedded calculator for students needing a special calculator, such as a braille calculator or a talking calculator, currently unavailable within the assessment platform. This math accommodation is available for allowed items in grades 6–8 and grade 11.
Closed captioning	Yes	No	Yes	No	Yes	Yes	Yes	No	Printed text that appears on the computer screen as audio materials is presented. The 2020–21 CAST does not include any listening portion or audio. For ELA and CSA, this resource is available only for the listening portion. Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs. In addition, this resource is not available with the Alternate ELPAC as an embedded resource.

Accommodation	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Large-print special form	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Large-print special forms are available for ELA, math, CAST, and ELPAC. LEAs must request approval from the California Department of Education (CDE) to qualify for these printed materials.
Multiplication table	No	Yes	No	Yes	No	No	No	No	For math, a paper-based multiplication table (1–12) for all grades is available from Smarter Balanced for reference (http://www.caaspp.org/rsc/pdfs/CAASPP.multiplication-table.pdf).
Print on demand	No	Yes	Yes	Yes	Yes	Yes	No	No	Paper copies of passages/stimuli and/or items are printed for students. To establish this setting, email CalTAC at caltac@ets.org. For CAASPP, this resource is an accommodation. For ELPAC, refer to the print on demand designated support.
Read aloud	No	Yes	Yes	No	No	Yes	No	No	Text is read aloud to the student by a trained and qualified person who follows the administration guidelines and read aloud protocol (refer to https://portal.smarterbalanced.org/library/en/read-aloud-guidelines.pdf). All or portions of the content may be read aloud. This resource is an accommodation for ELA and CSA reading passages.

Accommodation	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Scribe	No	Yes	Yes	No	No	Yes	Yes	Yes	Students dictate their responses to a person who records verbatim what they dictate. The scribe must be trained and qualified and must follow the scribing protocol at https://portal.smarterbalanced.org/library/en/scribing-protocol.pdf. This resource is an accommodation for the ELA performance task full write. For ELPAC, a trained scribe may transcribe the students' responses in the Answer Book or testing interface. The scribe must follow the scribing protocol.
Speech-to-text	No	Yes	Yes	Yes	Yes	No	Yes	No	Voice recognition allows students to use their voices as input devices to the computer to dictate responses or give commands (e.g., opening application programs, pulling down menus, and saving work). Voice recognition software generally can recognize speech up to 160 words per minute. Students may use their own assistive technology devices.

Accommodation	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Text-to-speech	Yes	No	Yes	No	No	Yes	Yes	No	Text is read aloud to the student via embedded text-to-speech technology. The student is able to control the speed as well as the volume of the voice. For ELA and the CSA, this resource is an accommodation for reading passages. For ELPAC, this resource is an accommodation for the Listening, Speaking, and Writing domains. Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs. In addition, this resource is not available with the Alternate ELPAC as an embedded resource.

Accommodation	EM	Non-EM	ELA	Math	CAST	CSA	ELPAC-CBA	ELPAC-P	Description
Word prediction	No	Yes	Yes	Yes	Yes	No	No	No	Word prediction allows students to begin writing a word and choose from a list of words that have been predicted from word frequency and syntax rules. Word prediction is delivered via a non-embedded software program. The program must use only single word prediction. Functionality such as phrase prediction, predict ahead, or next word must be deactivated. The program must have settings that allow only a basic dictionary. Expanded dictionaries, such as topic dictionaries and word banks, must be deactivated. Phonetic spelling functionality may be used, as well as speech output built into the program that reads back the information the student has written.
Word processor	No	Yes	No	No	No	No	No	Yes	For the ELPAC-P, students may use word processing software for their responses in the Writing domain; in grades 3–12, the spelling and grammar check must be turned off. Student responses must be transcribed into the answer book.

Part 4—Instructional Supports and Resources for Alternate Assessments

The California Alternate Assessments (CAAs) are administered to students one-on-one by a test examiner. The operational field test Alternate ELPAC will begin in January 2021. It, too, will be administered to students one-on-one by a test examiner. Although most universal tools, designated supports, and accommodations listed thus far in this matrix are available for the CAAs and will be available for the Alternate ELPAC through the online testing interface (with the exceptions noted below), students taking the CAAs and Alternate ELPAC may also need additional instructional supports, including the administration of the alternate assessments in the language of instruction, physical supports, and resources documented in the student's IEP or Section 504 plan. For the CAA Science, because of its design, any instructional supports specified in the student's IEP and used in daily instruction may be used for the embedded performance tasks.

The following embedded resources are *not available for alternate assessments*:

- American Sign Language videos
- Audio transcript
- Braille
- Calculator
- Closed captioning
- Text-to-speech
- Translated test directions
- Translation glossaries
- Translations (Spanish stacked)

For braille, however, the test examiner can request print-on-demand functionality to produce braille documents. For a handful of ELA items in grades three and four that have decoding as part of the construct, support and guidance will be available to LEAs for brailling the appropriate text.

The "language of instruction" may include instructional or physical supports needed for communication and instruction. Some test practices (e.g., hand-over-hand), as noted in the *Test Administration Manual,* found on the Manuals and Instructions web page at http://www.caaspp.org/administration/instructions/index.html, are inappropriate and not allowed on the CAAs and the Alternate ELPAC. Examples of permissible non-embedded instructional and physical supports are provided below.

Examples of Permissible Instructional Supports

- Allowing the test examiner to sign to the student as the language of instruction.
- Allowing the student to use an augmentative communication devise (e.g., Audiovox, switch)
- Allowing nonverbal students to respond with gestures, movements, or vocalization in place of speech
- Accepting eye gaze as a way of indicating a response (http://www.caaspp.org/rsc/pdfs/CAASPP.eye-gaze-guidance.pdf)
- Accepting a change in muscle tone or a change in facial expression as an observed behavior
- Allowing students to direct another person (an aide or a test examiner) in performing physical tasks
- Allowing the use of the student's calculator (except in grade three), 100s number table, or other instructional supports instead of the embedded supports provided through the testing platform as long as those supports do not impact the test construct

Examples of Permissible Physical Supports

- Structuring the test environment to eliminate distractions for students who are particularly distractible
- Positioning and stabilizing the student to allow for the most controlled movement possible as well as for student comfort and access to the test platform

Part 5—Unlisted Resources

Unlisted resources are not universal tools, designated supports, or accommodations. Unlisted resources shall be made available if specified in the eligible student's IEP or Section 504 plan and only on approval by the California Department of Education (CDE).

The LEA may use the Unlisted Resources Request form, available in TOMS (http://www.caaspp.org or http://www.elpac.org), to request the use of unlisted resources required by a student's IEP or Section 504 plan. The request must be made a minimum of ten business days before the student's first day of testing. The CDE will reply to the request within four business days.

The CDE has pre-identified, on the following page, non-embedded unlisted resources for ELA, mathematics, science, primary language assessments, and the ELPAC that change the construct being measured. There are no pre-identified non-embedded resources for the alternate assessments. Approval of an unlisted resource that has not been pre-identified will be granted by the CDE on the basis of the IEP team's and/or Section 504 plan's designation and if the unlisted resource does not compromise the test's security. The CDE shall make a determination of whether the requested unlisted resource that has not been pre-identified changes the construct being measured.

Unlisted resources that do not change the measured construct are not invalidated. IEP teams should not allow the impact of an LEA's accountability to outweigh the needs of the student, per regulations (5 *California Code of Regulations* sections 854.9 and 11518.37). If the CDE determines the unlisted resource changes the measured construct:

- The student's score and LEA participation rate indicator may be impacted.
- The student's CAASPP score is invalidated and the student is not included in the participation rate indicator.
- The student's ELPAC score will result in the lowest obtainable scale score for the domain.
- An individual score report will still be generated in both the CAASPP and ELPAC.

The following table lists pre-identified non-embedded unlisted resources that change the construct being measured for the following California tests: Smarter Balanced ELA, mathematics; California Science Test (CAST); California Spanish Assessment (CSA); and the ELPAC.

Non-Embedded Resource	ELA	Math	CAST	CSA	ELPAC
Bilingual dictionary	Yes (reading)	Yes	Yes	No	Yes
Calculator (used on non-allowed items)	No	Yes (grades 6–8 and grade 11)	No	No	No
Calculator	No	Yes (grades 3–5)	No	No	No
English dictionary	Yes (reading and listening)	Yes	Yes	Yes	Yes
Math tools (i.e., non-embedded ruler, non-embedded protractor)	No	Yes	No	No	No
Signed Exact English	Yes	Yes	Yes	No	Yes
Thesaurus	Yes (reading and listening)	Yes	Yes	No	Yes
Translated word lists	Yes	Yes	Yes	No	Yes
Translations (not provided by Smarter Balanced)	Yes	Yes	Yes	No	Yes

California Department of Education

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