

Embedded Supports and Accommodations Quick Start Guide

The [Usability, Accessibility, and Accommodations Guidelines](#) describe the universal tools, designated supports and accommodations that students are permitted to use while participating in the ISAT ELA/Literacy & Math, ISAT Science, and Alternate ELA & Math Assessments. The [Usability, Accessibility, and Accommodations Guidelines](#) provide guidelines for school-level personnel and decision-making teams to use in selecting universal tools, designated supports, and accommodations for students who need them.

After school-level personnel and decision-making teams determine which universal tools, designated supports, and accommodations are appropriate for a student, their choices must be entered into the TIDE system, so they are reflected in the assessment the student receives and so that an accurate record is kept of the student's testing environment.

These tools, designated supports, and accommodations can be entered in TIDE in two different ways:

- For an individual student, district- or school-level personnel can go to the Students – Add Students page in TIDE and individually check boxes under the Test Settings and Tools categories to indicate which universal tools, designated supports, and accommodations the student will receive. This must be done prior to testing to ensure that all embedded supports and accommodations are present in the student's test.
- If a district or school is entering information for multiple students, it is often easier to upload the information into TIDE in a spreadsheet. The Test Settings and Tools task in TIDE provides a downloadable template that can be completed with accommodations for multiple students.

This document lists the universal tools, designated supports, and accommodations that can be uploaded and lists the column in the upload template where the information for each universal tool, designated support, and accommodation can be entered. For ease of use, the universal tools, designated supports, and accommodations in this document are listed in the same order they appear in the [Usability, Accessibility, and Accommodations Guidelines](#). Accommodations are set separately for the ELA Computer Adaptive Test (CAT), the ELA performance task (PT), the combined Math assessment (CAT + PT), the Science assessment, and the Alternate ELA, and Alternate Math Assessments. Columns in this document indicate the column in the spreadsheet in which to set the feature or tool. Where appropriate, the guide indicates the values of the setting that comprise the support or accommodation.

Table 1: Embedded Universal Tools available to All Students*

Embedded Universal Tool	Description	Student Settings File Upload Details					
		ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
Print Size/Zoom	<p>A tool for making text or other graphics in a window or frame appear larger on the screen. The default font size for all tests is 14 pt. The student can make text and graphics larger by clicking the Zoom In button. The student can click the Zoom Out button to return to the default or smaller print size. When using the zoom feature, the student only changes the size of text and graphics on the current screen. To increase the default print size of the entire test (from 1.5X to 3.0X default size), the print size must be set for the student in the Administration and Registration Tool (ART), or member's comparable platform), or set by the test administrator prior to the start of the test. This is the only feature that test administrators can set. The use of this universal tool may result in the student needing additional overall time to complete the assessment.</p> <p>Note: For zoom levels 5X through 20X, streamlined mode is required.</p>	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> • 1X, 1.5X, 1.75X, 2.5X, 3X • 5X, 10X, 15X, 20X (Streamlined Mode Required) 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> • 1X, 1.5X, 1.75X, 2.5X, 3X • 5X, 10X, 15X, 20X (Streamlined Mode Required) 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> • 1X, 1.5X, 1.75X, 2.5X, 3X • 5X, 10X, 15X, 20X (Streamlined Mode Required) 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> • 1X, 1.5X, 1.75X, 2.5X, 3X • 5X, 10X, 15X, 20X (Streamlined Mode Required) 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> • 1X, 1.5X, 1.75X, 2.5X, 3X • 5X, 10X, 15X, 20X (Streamlined Mode Required) 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> • 1X, 1.5X, 1.75X, 2.5X, 3X • 5X, 10X, 15X, 20X (Streamlined Mode Required)
English Glossary	<p>Grade- and context-appropriate definitions of specific construct-irrelevant terms are shown in English on the screen via a pop-up window. The student can access the embedded glossary by clicking on any of the pre-selected terms. The use of this accommodation may result in the student needing additional overall time to complete the assessment.</p>	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select the following <i>Value</i>:</p> <ul style="list-style-type: none"> • No Glossary • English Glossary 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select the following <i>Value</i>:</p> <ul style="list-style-type: none"> • No Glossary • English Glossary 	<ul style="list-style-type: none"> • N/A 	N/A	N/A	N/A

*Embedded Universal Tools not appearing in this table do not need to be entered in TIDE. There are no Non-Embedded Universal Tools available to all Students that need to be entered in TIDE.

Table 2: Embedded Designated Supports

Designated Support	Description	Recommendations for Use	Student Settings File Upload Details					
			ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
Color Contrast	Enable students to adjust screen background or font color, based on student needs or preferences. This may include reversing the colors for the entire interface or choosing the color of font and background.	Students with attention difficulties may need this support for viewing test content. It also may be needed by some students with visual impairments or other print disabilities (including learning disabilities). Choice of colors should be informed by evidence that color selections meet the student's needs.	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Black on White, Black on Rose, Yellow on Blue, Medium Gray on Light Gray, Reverse Contrast 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Black on White, Black on Rose, Yellow on Blue, Medium Gray on Light Gray, Reverse Contrast 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Black on White, Black on Rose, Yellow on Blue, Medium Gray on Light Gray, Reverse Contrast 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Black on White, Black on Rose, Yellow on Blue, Medium Gray on Light Gray, Reverse Contrast 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Black on White, Black on Rose, Yellow on Blue, Medium Gray on Light Gray, Reverse Contrast 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Black on White, Black on Rose, Yellow on Blue, Medium Gray on Light Gray, Reverse Contrast
Language/Presentation (stacked translations for Math/Science items)	Language in which the tests in the indicated subject appear. *Spanish tests appear as stacked Spanish over English text.	Students participate in the assessment regardless of the language. This support will increase reading load and cognitive load. The use of this support may result in the student needing additional overall time to complete the assessment.	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> English Braille 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> English Braille 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> English Braille Spanish 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> English Spanish 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> English 	<p>Column C Select the <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> English

Designated Support	Description	Recommendations for Use	Student Settings File Upload Details					
			ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
Masking	Masking involves blocking off content that is not of immediate need or that may be distracting to the student. Students can focus their attention on a specific part of a test item by masking.	Students with attention difficulties may need to mask content not of immediate need or that may be distracting during the assessment. This support also may be needed by students with print disabilities (including learning disabilities) or visual impairments. Masking allows students to hide and reveal individual answer options, as well as all navigational buttons and menus.	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Off On 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Off On 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Off On 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Off On 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Off On 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> Off On
Mouse Pointer (Size and Color)	This embedded support allows the mouse pointer to be set to a larger size and for the color to be changed. A test administrator sets the size and color of the Mouse Pointer prior to testing.	Students who are visually impaired and need additional enlargement or a mouse in a different color to more readily find their mouse pointer on the screen will benefit from the Mouse Pointer support. Students who have visual perception challenges will also find this beneficial. The size and color are set during registration and cannot be changed during the administration of the assessment. Students should have ample opportunity to practice during daily instruction with the size and color to determine student preference. The Mouse Pointer can be used with the Zoom universal tool.	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> System Default, Large Black, Extra Large Black, Large Green, Extra Large Green, Large Red, Extra Large Red, Large White, Extra Large White, Large Yellow, Extra Large Yellow 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> System Default, Large Black, Extra Large Black, Large Green, Extra Large Green, Large Red, Extra Large Red, Large White, Extra Large White, Large Yellow, Extra Large Yellow 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> System Default, Large Black, Extra Large Black, Large Green, Extra Large Green, Large Red, Extra Large Red, Large White, Extra Large White, Large Yellow, Extra Large Yellow 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> System Default, Large Black, Extra Large Black, Large Green, Extra Large Green, Large Red, Extra Large Red, Large White, Extra Large White, Large Yellow, Extra Large Yellow 	N/A	N/A

Designated Support	Description	Recommendations for Use	Student Settings File Upload Details					
			ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
Streamlined Interface Mode	This designated support provides a streamlined interface of the test in an alternate, simplified format in which the items are displayed below the stimuli.	This designated support may benefit a small number of students who have specific learning and/or reading disabilities and/or visual impairment in which the text is presented in a more sequential format. Students should have familiarity interacting with items in streamline format.	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On

Designated Support	Description	Recommendations for Use	Student Settings File Upload Details					
			ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
Text-To-Speech (for math stimuli, items and ELA Items, not for reading passages) See Embedded Accommodations for ELA reading passages	Text is read aloud to the student via embedded text-to-speech technology. The student can control the speed as well as raise or lower the volume of the voice via a volume control. * TTS Passages and TTS Passages and Items are now available on ELA CAT ICA and Summative tests as well as IAB tests for all grades.	Students who are struggling readers may need assistance accessing the assessment by having all or portions of the assessment read aloud. This support also may be needed by students with reading-related disabilities, or by students who are blind and do not yet have adequate braille skills. This support will likely be confusing and may impede the performance of students who do not regularly have the support during instruction. Students who use text-to-speech will need headphones unless tested individually in a separate setting.	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> None, Designated Support, Accommodations 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> None, Designated Support, Accommodations <p>IMPORTANT NOTE: If the decisions have been made to allow students to use “stimuli” or “stimuli and items” for ELA Performance Tasks, no changes need to be made in TIDE for this school year, regardless of the fact that those tools are now listed as accommodations instead of designated supports.</p>	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> None, Designated Support 	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> None, Designated Support 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> N/A

Designated Support	Description	Recommendations for Use	Student Settings File Upload Details					
			ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
Translations (Glossaries) <Math only>	<p>Translated glossaries are a language support. The translated glossaries are provided for selected construct-irrelevant terms for math. Translations for these terms appear on the computer screen when students click on them.</p> <p>Students can also select the audio icon next to the glossary term and listen to the audio recording of the glossary.</p>	Students who have limited English language skills (whether or not designated as ELLs or ELLs with disabilities) can use the translation glossary for specific items. The use of this support may result in the student needing additional overall time to complete the assessment.	N/A	N/A	<p>Column C Select <i>Test Tool</i> from the drop-down menu.</p> <p>Column D Select one of the following <i>Value</i>:</p> <ul style="list-style-type: none"> • No Glossary • Glossary with appropriate language. 	N/A	N/A	N/A

*Stacked Translations are only available for math. The setting for this support is listed as “Language/Presentation” under Student Settings in TIDE. This is also the location to indicate Braille for ELA, ELA-PT, and Math. The default language is English.

Table 4: Embedded Accommodations

Accommodation	Description	Recommendations for Use	Student Settings File Upload Details					
			ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
American Sign Language (ASL) (for ELA Listening items and math items)	Test content is translated into ASL video. ASL human signer and the signed test content are viewed on the same screen. Students may view portions of the ASL video as often as needed.	Some students who are deaf or hard of hearing and who typically use ASL may need this accommodation when accessing text-based content in the assessment. The use of this accommodation may result in the student needing additional overall time to complete the assessment. For many students who are deaf or hard of hearing, viewing signs is the only way to access information presented orally. It is important to note, however, that some students who are hard of hearing will be able to listen to information presented orally if provided with appropriate amplification and a setting in which extraneous sounds do not interfere with clear presentation of the audio presentation in a listening test.	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	N/A	N/A	N/A
Audio Transcriptions	Indicates availability of audio transcriptions in the indicated subject.		Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 			

Accommodation	Description	Recommendations for Use	Student Settings File Upload Details					
			ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
Braille Type	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). Contracted and non-contracted braille is available; Nemeth code is available for math.	Students with visual impairments may read text via braille. Tactile overlays and graphics also may be used to assist the student in accessing content through touch. Due to limitations with refreshable braille technology and math braille codes, refreshable braille is available only for ELA. For math, braille will be presented via embosser; embosser-created braille can be used for ELA also. Alternative text descriptions are embedded in the assessment for all graphics. The type of braille presented to the student (contracted or non-contracted) is set in ART, or member's comparable platform. The use of this accommodation may result in the student needing additional overall time to complete the assessment.	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • No Braille • UEB Contracted • UEB Uncontracted • EBAE Contracted • Uncontracted • UEB Contracted with Nemeth Math • UEB Uncontracted (No Math Content) 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • No Braille • UEB Contracted • UEB Uncontracted • EBAE Contracted • Uncontracted • UEB Contracted with Nemeth Math • UEB Uncontracted (No Math Content) 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • No Braille • UEB Contracted with Nemeth Math • UEB Contracted with UEB Math • UEB Uncontracted with Nemeth Math • UEB Uncontracted with UEB Math • EBAE Contracted with Nemeth Math • EBAE Uncontracted with UEB Math 	N/A	N/A	N/A

Accommodation	Description	Recommendations for Use	Student Settings File Upload Details					
			ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
Closed Captioning	Printed text that appears on the computer screen as audio materials are presented.	Students who are deaf or hard of hearing and who typically access information presented via audio by reading words that appear in synchrony with the audio presentation may need this support to access audio content. For many students who are deaf or hard of hearing, viewing words (sometimes in combination with reading lips and ASL) is how they access information presented orally. It is important to note, however, that some students who are hard of hearing will be able to listen to information presented orally if provided with appropriate amplification and a setting in which extraneous sounds do not interfere with clear presentation of the audio presentation in a listening test.	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	N/A	N/A	N/A
Print on Demand	Paper copies of either passages/stimuli and/or items are printed for students. For those students needing a paper copy of a passage or stimulus, permission for the students to request printing must first be set in TIDE. For those students needing a paper copy of one or more items, the member's help desk must be contacted by the school or district coordinator to have the accommodation set for the student.	Some students with disabilities may need paper copies of either passages/stimuli and/or items. A very small percentage of students should need this accommodation. The use of this accommodation may result in the student needing additional time to complete the assessment.	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • Off • On

Accommodation	Description	Recommendations for Use	Student Settings File Upload Details					
			ELA-CAT	ELA-PT	Math (CAT & PT)	Science	ALT-ELA	ALT-MATH
Text-To-Speech (for ELA reading passages, all grades)	Text is read aloud to the student via embedded text-to-speech technology. The student is able to control the speed as well as raise or lower the volume of the voice via a volume control.	This accommodation is appropriate for a very small number of students. Text-to-speech is available as an accommodation for students whose need is documented in an IEP or 504 plan. Students who use text-to-speech will need headphones unless tested individually in a separate setting.	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • None • Accommodation 	Column C Select <i>Test Tool</i> from the drop-down menu. Column D Select the following <i>Value</i> : <ul style="list-style-type: none"> • None • Accommodation 	<ul style="list-style-type: none"> • N/A 	<ul style="list-style-type: none"> • N/A 		