

New Hampshire Statewide Assessment System:
Designated Supports, Accommodations, and Universal Tools Guide

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Introduction

The New Hampshire Statewide Assessment System Designated Supports, Accommodations, and Universal Tools Guide describes the designated supports, accommodations, and universal tools that students are permitted to use while participating in New Hampshire Statewide Assessment System (NH SAS). This Guide provides guidelines for the school-level personnel and decision-making teams to use in selecting universal tools, designated supports, and accommodations for students who need them.

This document lists the universal tools, designated supports, and accommodations that can be uploaded into TIDE and lists the column in the upload template where the information for each universal tool, designated support, and accommodation can be entered. Accommodations are set separately for the ELA, Math, and Science assessments. Where appropriate, the Guide indicates the particular values of the setting that comprise the support or accommodation.

What Are Accommodations?

- Changes in procedures or materials that increase equitable access during the NH SAS assessments.
- Accommodations in this Guide are not modifications and yield valid scores that count as participation in assessments that meet the requirements of ESSA when used in a manner consistent with the Guidelines.
- They allow identified students to show what they know and can do.
- They can be digitally-embedded or non-embedded into the testing system.
- Only appropriate for students for whom there is a documented need on an:
 - *Individualized Education Program (IEP) or
 - 504 accommodation plan and/or
 - **EL Education Plan
 - The exception to the IEP or 504 requirement is for students who have had a physical injury (e.g., broken hand or arm) that impairs their ability to use a computer. These students may use the speech-to-text or the scribe accommodations (if they have had sufficient experience with the use of these), as noted in this section.
- Determination of accommodations an individual student will have available for the assessment:
 - Should occur at the beginning of the school year so that these accommodations are available before the assessment.
 - Should be determined by a team of educators (for IEP students the team must include a certified Special Education teacher; for EL students the team must include a certified ESOL teacher;).
- Parent permission is required for students to have use of accommodations for NHSAS.
- Embedded and non-embedded accommodations must be entered into TIDE system so they are reflected in the assessment the student receives and so that an accurate record is kept of the student test environment.
- The accommodations must also be entered into the New Hampshire Special Education Information System (NHESIS) for students that have an IEP.

*For severely cognitively disabled students IEP teams should use the New Hampshire Department of Education *Accommodations and Alternate Decision Making Worksheet for Participation of Students with Disabilities in Statewide Assessments* to determine if an alternate assessment is appropriate.

**EL students enrolled in a U.S. school for less than 12 months may substitute the ACCESS test for the NHSAS ELA test but are required to take the Math and applicable Science tests.

What Are Designated Supports?

- Designated Supports in this Guide are not modifications and yield valid scores that count as participation in assessments that meet the requirements of ESSA when used in a manner consistent with the Guidelines.
- They can be digitally-embedded or non-embedded into the testing system.
- Only appropriate for a student that has a documented need determined by a team of educators that have been trained on the use of designated supports and understand the range of designated supports.
- Determination of designated supports must occur prior to test administration.
- Must be approved by the building principal or administrator.
- Parent permission is required for students to have use of the designated support for NHSAS.
- Embedded and non-embedded designated supports must be entered into TIDE system so they are reflected in the assessment the student receives and so that an accurate record is kept of the student test environment.

What Are Universal Tools?

- Universal tools are access features of the assessment that are either provided as digitally-delivered components of the test administration system or separate from it.
- Universal tools are available to all students based on student preference and selection.
- The following Universal Tools are not modifications and yield valid scores that count as participation in assessments that meet the requirements of ESSA when used in a manner consistent with the Guidelines.

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

- For an individual student, school- or district-level personnel can go to the View/Edit Students page in TIDE and individually check boxes 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 Upload Student Settings task in TIDE provides a downloadable template that can be completed with accommodations for multiple students.

Available Tools for NH SAS

Tools in this Guide are listed according to tool type, e.g. visual assistance tools. For an alphabetical list of all available tools and accommodations, please see Appendix A.

Visual Assistance Tools

Tool Name: Mouse Pointer

Tool Type: Designated Support

Description: This embedded support allows the mouse pointer to be set to a larger size and also for the color to be changed. A test administrator sets the size and color of the Mouse Pointer prior to testing.

Recommendations for Use: 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.

Available Settings		
ELA	Math	Science
<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 	<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 	<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

Tool Name: Braille Type

Tool Type: Designated Support, Accommodation

Description: 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 (thermoform). Contracted and non-contracted braille is available; Nemeth code is available for math.

Recommendations for Use: 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 TIDE. The use of this accommodation may result in the student needing additional overall time to complete the assessment.

To access this accommodation, students also need to have their presentation set to Braille and Print On Request turned on. For more guidance on using Braille embossers, see the Assistive Technology Manual.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none"> • Not Applicable (default) • Contracted 	<ul style="list-style-type: none"> • Not Applicable (default) • Nemeth 	<ul style="list-style-type: none"> • Not Applicable (default) • UEB Contracted with Nemeth Math

Tool Name: Color Contrast

Tool Type: Designated Support

Description: 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.

Recommendations for Use: 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.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none"> • Black on White (Default) • Blue • Light Blue • Reverse Contrast • Black on Rose • Yellow on Blue 	<ul style="list-style-type: none"> • Black on White (Default) • Blue • Light Blue • Reverse Contrast • Black on Rose • Yellow on Blue 	<ul style="list-style-type: none"> • Black on White (Default) • Blue • Light Blue • Reverse Contrast • Black on Rose • Yellow on Blue • Medium Gray on Light Gray

Tool Name: Presentation

Tool Type: Designated Support, Accommodation

Description: This setting determines the language the test content is presented in.

Recommendations for Use: For students using Braille, set Presentation to Braille to enable Braille testing. For students taking the Math or Science test in Spanish, set Presentation to Spanish.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none">English (default) Braille	<ul style="list-style-type: none">English (default)BrailleSpanish	<ul style="list-style-type: none">English (default)BrailleSpanish

Tool Name: Streamline Mode

Tool Type: Designated Support, Accommodation

Description: This accommodation provides a streamlined interface of the test in an alternate, simplified format in which the items are displayed below the stimuli.

Recommendations for Use: This accommodation may benefit a small number of students who have specific learning and/or reading disabilities in which the text is presented in a more sequential format. This accommodation is also recommended for students who access the test via screen reader. It must be turned on for students using a print size of 5x or higher.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none">Off (default)On	<ul style="list-style-type: none">Off (default)On	<ul style="list-style-type: none">Off (default)On

Tool Name: Print Size/Zoom

Tool Type: Universal Tool

Description: 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, the print size must be set for the student in TIDE or set by the TA prior to the start of the test.

Recommendations for Use: The use of this universal tool may result in the student needing additional overall time to complete the assessment.

Note: To use 5x, 10x, 15x, or 20x zoom, Streamlined Mode must be enabled.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none"> • 1x (default) • 1.5x • 1.75x • 2.5x • 3x • 5x • 10x • 15x • 20x 	<ul style="list-style-type: none"> • 1x (default) • 1.5x • 1.75x • 2.5x • 3x • 5x • 10x • 15x • 20x 	<ul style="list-style-type: none"> • 1x (default) • 1.5x • 1.75x • 2.5x • 3x • 5x • 10x • 15x • 20x

Tool Name: Color Overlay

Tool Type: Non-Embedded Designated Support

Description: Color transparencies are placed over a paper-based assessment.

Recommendations for Use: Students with attention difficulties may need this support to view test content. This support also may 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.

Available Settings		
ELA	Math	Science
Color Overlay	Color Overlay	Color Overlay

Tool Name: Magnification

Tool Type: Non-Embedded Designated Support

Description: 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 increasing the size and changing of 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.

Recommendations for Use: Students used to viewing enlarged text or graphics, or navigation buttons with or without changes to color contrast, may need magnification to comfortably view content. This

support also may meet the needs of students with visual impairments and other print disabilities. The use of this designated support may result in the student needing additional overall time to complete the assessment.

Available Settings		
ELA	Math	Science
Magnification	Magnification	Magnification

Presentation

Tool Name: American Sign Language Video

Tool Type: Designated Support, Accommodation

Description: Test content with audio components 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.

Recommendations for Use: Some students who are deaf or hard of hearing and who typically use ASL may need this accommodation when accessing audio 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. Embedded ASL videos are only available for ELA tests. For Math and Science, a Human Signer is acceptable if needed.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none"> • Off (default) • On 	Not available	Not available

Tool Name: American Sign Language – Human Signer

Tool Type: Non-Embedded Designated Support, Non-Embedded Accommodation

Description: Test is translated by a human signer.

Recommendations for Use: 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.

Available Settings		
ELA	Math	Science
American Sign Language – Human Signer	American Sign Language – Human Signer	American Sign Language – Human Signer

Tool Name: Print on Request

Tool Type: Accommodation

Description: Sends a request to the TA for printing. For those students requiring this support, Print on Request must be first set in TIDE.

Only one passage/stimuli/item can be individually requested by student at a time, individually approved by TA, and printed one at a time.

The TA will print the items from the adaptive test, provide the copy to the student, then capture the student’s answer in the student testing system, thereby maintaining the adaptive nature of the test.

Recommendations for Use:

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. Students who use Braille should also have this accommodation turned on to allow for embossed pages to be printed.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none"> • Stimuli and Items • Items • Stimuli 	<ul style="list-style-type: none"> • Stimuli and Items • Items • Stimuli 	<ul style="list-style-type: none"> • Stimuli and Items • Items • Stimuli

Integration with Assistive Technology

Tool Name: Permissive Mode

Tool Type: Accommodation

Description: Must be enabled to allow students to use third-party accessibility tools, such as external speech-to-text or screenreaders.

Recommendations for Use: The Secure Browser blocks students from accessing non-standard hardware and software. If a student has a non-embedded accommodation that uses software and hardware that is not part of the test, Permissive Mode must be enabled to allow the student access to the non-standard hardware and software. Permissive mode is required for speech-to-text and external devices that must be plugged into the computer.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none"> • Off (default) • On 	<ul style="list-style-type: none"> • Off (default) • On 	<ul style="list-style-type: none"> • Off (default) • On

Concentration Assistance Tools

Tool Name: Masking

Tool Type: Universal Tool

Description: Masking involves blocking off content that is not of immediate need or that may be distracting to the student. Students are able to focus their attention on a specific part of a test item by masking.

Recommendations for Use: 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. Masking is set to “On” by default for all students; if the availability of the tool proves a distraction for the student, it can be set to “Off”

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none"> • On (default) • Off 	<ul style="list-style-type: none"> • On (default) • Off 	<ul style="list-style-type: none"> • On (default) • Off

Tool Name: Highlight

Tool Type: Universal Tool

Description: A digital tool marking desired text, items, answers, or parts of the above with a color. Highlighted text remains highlighted through a pause.

Recommendations for Use: Students may use this embedded tool to help visually organize information.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Strikethrough

Tool Type: Universal Tool

Description: 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.

Recommendations for Use: Allows students to focus on potential answers without the distraction of other options.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Noise buffers

Tool Type: Non-Embedded Designated Support

Description: Ear muffers, white noise, and/or other equipment used to block external sounds.

Recommendations for Use: Student (not groups of students) wears equipment to reduce environmental noises. Students may have these testing variations if regularly used in the classroom. Students who use noise buffers will need headphones unless tested individually in a separate setting.

Available Settings		
ELA	Math	Science
Noise buffers	Noise buffers	Noise buffers

Tool Name: Separate Setting

Tool Type: Non-Embedded Designated Support

Description: Test location is altered so that the student is tested in a setting different from that made available for most students.

Recommendations for Use: Students who are easily distracted (or may distract others) in the presence of other students, for example, may need an alternate location to be able to take the assessment. The separate setting may be in a different room that allows them to work individually or among a smaller group. The student may read aloud to self, use a device requiring voicing (e.g., a Whisper Phone), or use Amplification. It may also include a calming device or support as recommended by educators and/or specialists. Or, the separate setting may be in the same room but in a specific location (for example, away from windows, doors, or pencil sharpeners, in a study carrel, near the teacher’s desk, or in the front of a classroom). Some students may benefit from being in an environment that allows for movement, such as being able to walk around. In some instances, students may need to interact with instructional or test content outside of school, such as in a hospital or their home. A specific adult, trained in a manner consistent with the TAM, can act as test proctor (test administrator) when student requires it.

Available Settings		
ELA	Math	Science
• Separate Setting	• Separate Setting	• Separate Setting

Literacy Assistance Tools

Tool Name: Text-to-Speech

Tool Type: Designated Support, Accommodation

Description: 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.

Recommendations for Use: Text-to-speech is available as an accommodation for students whose need is documented in an IEP or 504 plan.

Text-to-speech will not be an available accommodation for the reading portion of the ELA test. It will be available for the writing portion of the ELA test. Content experts agree that this accommodation should not be provided during the reading portion because it would compromise the construct being measured.

Reports can be run to indicate the percent of students who had access to text-to-speech on reading test passages.

Students who use text-to-speech will need headphones unless tested individually in a separate setting.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none">• None (default)• Instructions, Passages and Items*	<ul style="list-style-type: none">• None (default)• Instructions, Passages and Items	<ul style="list-style-type: none">• None (default)• Instructions, Passages and Items

* Even if this is set for ELA, it will only be available on WRITING tests

Tool Name: Speech-to-Text

Tool Type: Accommodation

Description: Allows students to dictate their responses in English. This tool is only available for essays.

Recommendations for Use: Students who would normally use speech-to-text to write an essay in class or on assessments can use the built-in speech-to-text tool instead of needing to use third-party software. The use of third-party tools is still permitted and may be the preferred option for students who need to use voice navigation for the entire test.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none">• Off (default)• On	<i>Not Available</i>	<i>Not Available</i>

Tool Name: Read Aloud

Tool Type: Non-Embedded Designated Support, Non-Embedded Accommodation

Description: Text is read aloud to the student by a trained and qualified human reader who follows the administration guidelines provided in the New Hampshire Statewide Assessment System Test Administration Manual. All or portions of the content may be read aloud.

This accommodation is appropriate for a very small number of students.

Recommendations for Use: 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. If not used regularly during instruction, this support is likely to be confusing and may impede the performance on assessments. Readers should be provided to students on an individual basis – not to a group of students. A student should have the option of asking a reader to slow down or repeat text. The use of this support may result in the student needing additional overall time to complete the assessment.

Reading passages **may not be read aloud** to any student when **reading comprehension** is being assessed.

Available Settings		
ELA	Math	Science
Non-Embedded Accommodation: <ul style="list-style-type: none"> • Read Aloud Stimuli Non-Embedded Designated Support: <ul style="list-style-type: none"> • Read Aloud Items • Read Aloud Stimuli 	Non-Embedded Accommodation: <ul style="list-style-type: none"> • Read Aloud Stimuli Non-Embedded Designated Support: <ul style="list-style-type: none"> • Read Aloud Items • Read Aloud Stimuli 	Non-Embedded Accommodation: <ul style="list-style-type: none"> • Read Aloud Stimuli Non-Embedded Designated Support: <ul style="list-style-type: none"> • Read Aloud Items • Read Aloud Stimuli

Mathematical Assistance Tools

Tool Name: 100s Number Table

Tool Type: Non-Embedded Accommodation

Description: A paper-based table listing numbers from 1 – 100

Recommendations for Use: Students with visual processing or spatial perception needs may find this beneficial, as documented in their IEP or 504 plan.

Available Settings		
ELA	Math	Science
<ul style="list-style-type: none"> • NA 	<ul style="list-style-type: none"> • 100s Number Table (grades 4-8 math) 	<ul style="list-style-type: none"> • NA

Tool Name: Desmos Calculator

Tool Type: Universal Tool

Description: An embedded on-screen digital calculator can be accessed for calculator-allowed items when students click on the calculator button. This tool is available only with the specific items for which the NH SAS Item

Recommendations for Use: The calculator is available by default for students on math tests when appropriate. When the embedded calculator, as presented for all students, is not appropriate for a student (for example, for a student who is blind), the student may use the calculator offered with assistive technology devices (such as a talking calculator or a braille calculator). Students may also access the Desmos Calculator outside the test environment via the New Hampshire SAS portal so that they may become familiar with its functions.

Available Settings		
ELA	Math	Science
NA	On by default when needed	NA

Tool Name: Calculator

Tool Type: Non-Embedded Accommodation

Description: For items that allow calculators on the grades 6-8 tests. A non-embedded calculator for students needed a special calculator, such as a braille calculator or a talking calculator.

Recommendations for Use: Students with visual impairments who are unable to use the embedded calculator for calculator-allowed items will be able to use the calculator that they typically use, such as a braille calculator or a talking calculator. Test administrators should ensure that the calculator is available only for designated calculator items.

Available Settings		
ELA	Math	Science
NA	NA	Calculator

Tool Name: Abacus

Tool Type: Non-Embedded Accommodation

Description: This tool may be used in place of scratch paper for students who typically use an abacus.

Recommendations for Use: Some students with visual impairments who typically use an abacus may use an abacus in place of using scratch paper.

Available Settings		
ELA	Math	Science
Abacus	Abacus	Abacus

Other Tools

Tool Name: Audio Playback Controls

Tool Type: Universal Tool

Description: Audio tools that allow the student to alter the speed, pitch, and volume of embedded test audio.

Recommendations for Use: Universal tools are accessibility resources of the assessment that are either provided as digitally-delivered components of the test administration system or separate from it. Universal tools are available to all students based on student preference and selection.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Dictionary

Tool Type: Universal Tool

Description: English Merriam Webster’s dictionary available in Elementary, Intermediate, and School versions.

Recommendations for Use: The use of this universal tool may result in the student needing additional overall time to complete the assessment.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Expandable Items

Tool Type: Universal Tool

Description: Allows the student to expand items, similar to the expandable passage feature

Recommendations for Use: This tool is available by default. Students may use it to allow items to take up the majority of the screen on tests where passages/stimuli are on one side and items are on the other. This can be helpful for students using a higher zoom or for students who find the passages/stimuli distracting.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Expandable Passages

Tool Type: Universal Tool

Description: Allows the student to expand items, similar to the expandable items feature.

Recommendations for Use: This tool is available by default. Students may use it to allow passages to take up the majority of the screen on tests where passages/stimuli are on one side and items are on the other. This can be helpful for students using a higher zoom or for students who find the items distracting while reading passages.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Global Notes

Tool Type: Universal Tool

Description: Global Notes is a notepad that is available for students to make notes. The student clicks on the notepad icon for the notepad to appear.

Recommendations for Use: Students needing an area to collect notes and or jot down ideas may use this tool.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Mark for Review

Tool Type: Universal Tool

Description: Allows students to flag items for future review during the assessment. Students will be presented with a review screen at the end of the test that shows the items they marked for review. These items are often flagged in the drop-down question navigation menu. Marking does not persist between segments or after a pause of longer than 20 minutes.

Recommendations for Use:

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Pagination

Tool Type: Universal Tool

Description: For passages with multiple questions, the items are paginated with tabs at the top of the screen, rather than requiring students to scroll vertically to see all items.

Recommendations for Use: This is turned on by default on ELA tests.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>NA</i>	<i>NA</i>

Tool Name: Tutorial

Tool Type: Universal Tool

Description: A page that describes the various parts of the testing system and how to use them.

Recommendations for Use: Students who need a reminder on how the testing system works may benefit from using the Tutorials.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Video Playback Controls

Tool Type: Universal Tool

Description: Common video playback functionality such as a scrubber, mute/unmute, and full screen.

Recommendations for Use: For use when videos are present.

Available Settings		
ELA	Math	Science
<i>On by default</i>	<i>On by default</i>	<i>On by default</i>

Tool Name: Amplification

Tool Type: Non-Embedded Designated Support

Description: The student adjusts the volume control beyond the computer's built in settings using headphones or other non-embedded devices.

Recommendations for Use: Students may use amplification assistive technology (e.g., headphones, FM System, noise buffers, white noise machines) to increase the volume provided in the assessment platform. Use of this resource likely requires a separate setting. If the device has additional features that

may compromise the validity of the test (e.g., internet access), the additional functionality must be deactivated to maintain test security.

Available Settings		
ELA	Math	Science
Amplification	Amplification	Amplification

Tool Name: Bilingual Dictionary (for ELA writing)

Tool Type: Non-Embedded Designated Support

Description: A bilingual/dual language word-to-word dictionary is a language support. A bilingual/dual language word-to-word dictionary can be provided for the writing segment of the ELA assessment.

Recommendations for Use:

Available Settings		
ELA	Math	Science
Bilingual Dictionary (for ELA writing)	NA	NA

Tool Name: Scribe

Tool Type: Non-Embedded Designated Support, Non-Embedded Accommodation

Description: Students dictate their responses to a human who records verbatim what they dictate. The scribe must be trained and qualified and must follow the administration guidelines provided in the New Hampshire Statewide Assessment System Test Administration Manual.

If using a human scribe, the reader must read back student response so that the student may edit.

Recommendations for Use: Students who have documented significant motor or processing difficulties, or who have had a recent injury (such as a broken hand or arm) that make it difficult to produce responses may need to dictate their responses to a human, who then records the students' responses verbatim. The use of this support may result in the student needing additional overall time to complete the assessment. For many of these students, dictating to a human scribe is the only way to demonstrate their composition skills. It is important that these students be able to develop planning notes via the human scribe, and to view what they produce while composing via dictation to the scribe.

Available Settings		
ELA	Math	Science
Scribe	Scribe	Scribe

Tool Name: Alternate Response Options

Tool Type: Non-Embedded Designated Support

Description: Alternate response options include but are not limited to adapted keyboards, large keyboards, StickyKeys, MouseKeys, FilterKeys, adapted mouse, touch screen, head wand, and switches.

Recommendations for Use: Students with some physical disabilities (including both fine motor and gross motor skills) may need to use the alternate response options accommodation. Some alternate response options are external devices that must be plugged in and be compatible with the assessment delivery platform.

Available Settings		
ELA	Math	Science
Alternate Response Options	Alternate Response Options	Alternate Response Options

Tool Name: Medical Support

Tool Type: Non-Embedded Designated Support

Description: Students may have access to an electronic device for medical purposes (e.g., Glucose Monitor). The device may include a cell phone, and should only support the student during testing for medical reasons.

Recommendations for Use: Students' health is the highest priority. Use of electronic devices require testing in a separate setting to avoid distractions to other test takers and to ensure test security. The test administrator must closely monitor the use of the device to maintain test security.

Available Settings		
ELA	Math	Science
Medical Support	Medical Support	Medical Support

Appendix A: Alphabetical List of Accommodations, Designated Supports, and Universal Tools

Name	Type
100s Number Table	Non-Embedded Accommodation
Abacus	Non-Embedded Accommodation
Alternate Response Options	Non-Embedded Designated Support
American Sign Language – Human Signer	Non-Embedded Designated Support, Non-Embedded Accommodation
American Sign Language Video	Designated Support, Accommodation
Amplification	Non-Embedded Designated Support
Audio Playback Controls	Universal Tool
Bilingual Dictionary (for ELA writing)	Non-Embedded Designated Support
Braille Type	Designated Support. Accommodation
Calculator	Non-Embedded Accommodation
Color Contrast	Designated Support
Color Overlay	Non-Embedded Designated Support
Desmos Calculator	Universal Tool
Dictionary	Universal Tool
Expandable Items	Universal Tool
Expandable Passages	Universal Tool
Global Notes	Universal Tool
Highlight	Universal Tool
Magnification	Non-Embedded Designated Support
Mark for Review	Universal Tool
Masking	Universal Tool
Medical Support	Non-Embedded Designated Support
Mouse Pointer	Designated Support
Noise buffers	Non-Embedded Designated Support
Pagination	Universal Tool

Name	Type
Permissive Mode	Accommodation
Presentation	Designated Support, Accommodation
Print On Request	Designated Support
Print Size/Zoom	Universal Tool
Read Aloud	Non-Embedded Designated Support, Non-Embedded Accommodation
Scribe	Non-Embedded Designated Support, Non-Embedded Accommodation
Separate Setting	Non-Embedded Designated Support
Speech-to-Text	Accommodation
Streamline Mode	Designated Support, Accommodation
Strikethrough	Universal Tool
Text-to-Speech	Designated Support, Accommodation
Tutorial	Universal Tool
Video Playback Controls	Universal Tool

Appendix B: User Support

For additional information and assistance with the NH SAS, contact the CAI help desk.

The Help Desk is open Monday–Friday 7:00 a.m. to 4:00 p.m. Eastern Time outside of the summative testing window, and Monday–Friday 7:00 a.m. to 7:00 p.m. Eastern Time during summative testing (except holidays or as otherwise indicated on the State Assessment Portal).

NH SAS Help Desk

Toll-Free Phone Support: 1.844.202.7584

Email Support: nhhelpdesk@cambiumassessment.com

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Change Log

Date	Change	Location
11/10/2021	Added Print on Request	Page 10
11/10/2021	Edited 100s table to reflect choices	Page 14
11/10/2021	Edited Abacus to reflect options in TIDE	Page 15
11/10/2021	Updated alphabetical list	Pages 21 – 22
11/10/2021	Updated Index	Page 24