

# ISAAP Accessibility Feature Codes

Updated 16 August 2016

#### **Revision History**

Revision Description	Author/Modifier	Date
Update the Item Tools Menu feature to set the default as TDS_ITM1	Alex Dean	August 16, 2016
Added the Simplified Test Directions and 100s Number Table feature codes	Alex Dean	July 13, 2016
Corrected legacy braille codes to indicate that TDS_BT_NM indicates contracted braille with Nemeth math. Previous revisions erroneously indicated uncontracted braille.	Brandt Redd	July 8, 2016
Added footnote detailing the three-letter codes for braille	Brandt Redd	April 6, 2016
Added the BrailleType feature family and codes; Added the IllustrationGlossary feature family and codes; Adjusted the Language feature family by making obsolete the Braille feature code	Alex Dean	March 23, 2016

#### Introduction

The Individual Student Assessment Accessibility Profile (ISAAP) process represents a thoughtful and systematic approach to addressing student access needs for the Smarter Balanced assessments. The ISAAP tool may be used to facilitate the selection of Designated Supports and Accommodations. The Accessibility Feature Codes defined in this specification are the digital encoding of those accessibility settings. The feature codes can be combined with Accessibility Feature Delivery Codes to indicate whether a feature was designated for, made available to, and/or used by a student.

The <u>SmarterBalanced.org</u> website includes Usability, Accessibility, and Accommodations Guidelines (UAAG) and the process for developing an ISAAP for each student.

In the <u>Four-Layer Framework for Data Standards</u> this specification operates at the data dictionary and logical data model layers. This spec also includes a suggested serialization format that can be incorporated into other specifications.

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

## Listing Accessibility Feature Codes at Registration

Each accessibility feature setting has a specific code. Table 1 lists the current set of feature codes. This specification will be updated when accessibility features are added.

The ISAAP set of features to be made available to a student can be described by a simple list of codes which are recorded during test registration and provided to the test delivery system.

The list of codes for a particular student can be serialized in any method that is appropriate to the file format (e.g. CSV, XML, JSON, etc.). A common method is to use a semicolon-delimited list. Here is an example:

TDS\_CCInvert;TDS\_ESN;NEDS\_Other(Mechanical Pencil)

This would indicate that the student is designated to receive reverse contrast (white on black text), stacked Spanish translation, and a custom indication that they should be provided with a mechanical pencil – presumably for use with scratch paper since the test is online.

### Listing Accessibility Feature Codes when Reporting

When reporting, each Accessibility Feature Code is paired with a "Delivery Code" which indicates whether the feature was designated, made available, and/or used. For each of these contexts (designated, made available, used) the values can be "U" (unknown), "Y" (yes), or "N" (no). So "YYU" indicates that a feature was designated and made available but it is unknown whether it was used. Table 2 lists the full set of delivery codes.

A common format for reporting Delivery Codes is to list the feature code followed by a colon and the delivery code. These pairs are combined into a list using semicolon delimiters. For example:

TDS\_CCInvert:UYU;TDS\_ESN:UYU;NEDS\_Other(Mechanical Pencil):YUU

This would indicate that "inverted color contrast", and "Spanish stacked translation" were made available to the student and that "separate setting" was designated for the student.

Table 1 lists the current Accessibility Feature Codes. Please see the Usability, Accessibility, and Accommodations Guidelines (UAAG) on <a href="SmarterBalanced.org">SmarterBalanced.org</a> for detailed descriptions of these accessibility resources. See the UAAG and the annual ISAAP configuration files for the codes designated for per-student selection in each grade and subject.

Codes are case-insensitive. Systems generating codes SHOULD use the cases as shown in the table. Systems receiving codes MUST be case-insensitive when interpreting codes.

Feature Family	Feature Code	Description
AmericanSignLanguage	TDS_ASL0	Do not show ASL Videos (default)
	TDS_ASL1	Show ASL Videos
BrailleType	TDS_BT0	No Braille (default)
	TDS_BT_EXN1	EBAE – Uncontracted – Nemeth Math
	TDS_BT_ECN	EBAE - Contracted - Nemeth Math
	TDS_BT_EXT	EBAE - Uncontracted - UEB Math
	TDS_BT_ECT	EBAE - Contracted - UEB Math
	TDS_BT_UXN	UEB - Uncontracted - Nemeth Math
	TDS_BT_UCN	UEB - Contracted - Nemeth Math
	TDS_BT_UXT	UEB - Uncontracted - UEB Math
	TDS_BT_UCT	UEB - Contracted - UEB Math
	TDS_BT_G1 (legacy2)	Uncontracted braille

Table 1: Accessibility Feature Codes

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<sup>&</sup>lt;sup>1</sup> The three letters at the end of braille codes indicate options for literary braille, contracting, and choice of math code. For literary braille, E=EBAE and U=UEB. For contracting, X=Uncontracted and C=Contracted. For math braille codes, N=Nemeth and T=UEB math (based on Taylor math). So TDS\_BT\_UCN means UEB (U), Contracted (C), and Nemeth Math (N).

<sup>&</sup>lt;sup>2</sup> TDS\_BT\_G1, TDS\_BT\_G2, and TDS\_BT\_NM are legacy codes and will be phased out by the 2018-2019 school year in conjunction with the rollout of support for Unified English Braille. TDS\_BT\_G1 should be converted to TDS\_BT\_EXN, TDS\_BT\_G2 should be converted to TDS\_BT\_ECN and TDS\_BT\_NM should be converted to TDS\_BT\_ECN.

Feature Family	Feature Code	Description
	TDS_BT_G2 (legacy)	Contracted braille
	TDS_BT_NM (legacy)	Nemeth math braille (contracted)
ClosedCaptioning	TDS_ClosedCap0	Closed captioning not available (default)
	TDS_ClosedCap1	Closed captioning available
ColorContrast	TDS_CCO	Black on White (default)
	TDS_CCInvert	Reverse Contrast
	TDS_CCMagenta	BlackOnRose
	TDS_CCMedGrayLtGray	Medium Gray on Light Gray
	TDS_CCYellowB	Yellow on Blue
Highlight	TDS_Highlight1	Permit highlighting (default)
<del> </del>	TDS_Highlight0	Disable highlighting
IllustrationGlossary	TDS_ILG0	Illustration glossary off (default)
•	TDS_ILG1	Illustration glossary on
Language	ENU	English (default)
3.7.5	ESN	Spanish stacked translation (math only)
	ENU-Braille (obsolete <sup>3</sup> )	Braille
Mark for Review	TDS_MfR1	Allow mark for review (default)
	TDS_MfR0	Disable mark for review
Masking	TDS_Masking0	Masking not available (default)
<u> </u>	TDS_Masking1	Masking available: allows blocking of
	3_ 33 8	content that is not of immediate need or
		that might be distracting to the student.
Notepad (comments)	TDS_SCNotepad	Notepad available (default)
	TDS_SC0	Notepad disabled
PermissiveMode	TDS_PM0	Permissive mode disabled (default)
	TDS_PM1	Permissive mode enabled: Allows
		assistive technology software such as
		screen readers, magnifiers, etc. to be run
		on the computer. When disabled, only the
		secure web browser is allowed to run.
PrintOnDemand	TDS_PoD0	Print on demand disabled (default)
	TDS_PoD_Stim	Allows students to request a printout of
		the item stimulus.
	TDS_PoD_Item	Print on Demand for items
	TDS_PoD_Stim&TDS_PoD_Ite	Print on Demand for items and stimuli
	m	
PrintSize	TDS_PS_L0	Default initial print size. (default)
	TDS_PS_L1	Initial print size set to zoom level 1
	TDS_PS_L2	Initial print size set to zoom level 2
	TDS_PS_L3	Initial print size set to zoom level 3
	TDS_PS_L4	Initial print size set to zoom level 4
StreamlinedInterface	TDS_TS_Modern	Standard layout with stimulus displayed
	TDS_SLM0	alongside assessment items.
	TDS_TS_Accessibility	Streamlined layout with stimulus
	TDS_SLM1	displayed above and items displayed
		below. All tool and navigation buttons are
		on the bottom of the screen. Important:
		The streamlined interface is not intended
Strikothrough	TDC CT1	to be tablet compatible.
Strikethrough	TDS_ST1	Strikethrough enabled (default)

 $<sup>^3</sup>$  Language should be specified as English (ENU) or Spanish (ESN). Braille is indicated by the BrailleType code. The ENU-Braille code is obsolete and should be converted to ENU.

Feature Family	Feature Code	Description
	TDS_ST0	Strikethrough disabled
System Volume Control	TDS_SVC1	System volume control enabled
TextToSpeech	TDS_TTS0	No text-to-speech available. (default)
	TDS_TTS_Item	Text-to-speech available for items.
	TDS_TTS_Stim	Text-to-speech available for stimuli.
	TDS_TTS_Stim&TDS_TTS_Ite	Text-to-speech available for stimuli and
	m	items.
Translation (Glossary)	(default)	If no code is specified, English glossary is
		made available by default.
	TDS_WL0	No glossary (suppresses all glossaries
	TDS_WL_Glossary	English glossary
	TDS_WL_ArabicGloss	Arabic glossary
	TDS_WL_CantoneseGloss	Cantonese glossary
	TDS_WL_ESNGloss	Spanish glossary
	TDS_WL_KoreanGloss	Korean glossary
	TDS_WL_MandarinGloss	Mandarin glossary
	TDS_WL_PunjabiGloss	Punjabi glossary
	TDS_WL_RussianGloss	Russian glossary
	TDS_WL_TagalGloss	Filipino glossary
	TDS_WL_UkrainianGloss	Ukrainian glossary
	TDS_WL_VietnameseGloss	Vietnamese glossary
	Multiple	English one language glossaries can be
		combined using an ampersand. The
		language glossary should be specified
		first. E.g.
		TDS_WL_MandarinGloss&TDS_WL_Gloss
NonEmbeddedDesignatedSup	NEDS0	ary  No non-embedded designated supports
ports	NED30	(default)
	NEDS_BD	Bilingual dictionary
	NEDS_CC	Color Contrast
	NEDS_CO	Color Overlay
	NEDS_CO NEDS_Mag	Color Overlay Magnification
	NEDS_Mag	Magnification
	NEDS_Mag NEDS_RA_Items	Magnification Read aloud items
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli	Magnification Read aloud items Read aloud stimuli
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TMandarin	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TMandarin NEDS_TPunjabi	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary Punjabi glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TMandarin NEDS_TPunjabi NEDS_TRussianGta	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary Punjabi glossary Russian glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TMandarin NEDS_TPunjabi NEDS_TRussianGta NEDS_TSpanish	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary Punjabi glossary Russian glossary Spanish glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TMandarin NEDS_TPunjabi NEDS_TRussianGta NEDS_TSpanish NEDS_TUkrainian	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary Punjabi glossary Russian glossary Spanish glossary Ukrainian glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TMandarin NEDS_TMandarin NEDS_TRussianGta NEDS_TSpanish NEDS_TUkrainian NEDS_TVietnamese	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary Punjabi glossary Russian glossary Spanish glossary Ukrainian glossary Vietnamese glossary
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TMandarin NEDS_TPunjabi NEDS_TPunjabi NEDS_TRussianGta NEDS_TUkrainian NEDS_TUkrainian NEDS_TVietnamese NEDS_TransDirs	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary Punjabi glossary Russian glossary Spanish glossary Ukrainian glossary Vietnamese glossary Translated test directions
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_Stimuli NEDS_RA_Stimuli_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TMandarin NEDS_TMandarin NEDS_TPunjabi NEDS_TPunjabi NEDS_TRussianGta NEDS_TSpanish NEDS_TUkrainian NEDS_TVietnamese NEDS_TransDirs NEDS_SimpDirs	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary Punjabi glossary Russian glossary Spanish glossary Ukrainian glossary Vietnamese glossary Translated test directions Simplified test directions
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_Stimuli NEDS_RA_Stimuli_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SC_Items NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TKorean NEDS_TMandarin NEDS_TPunjabi NEDS_TPunjabi NEDS_TRussianGta NEDS_TSpanish NEDS_TSpanish NEDS_TUkrainian NEDS_TVietnamese NEDS_TransDirs NEDS_SimpDirs NEDS_NoiseBuf	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary Punjabi glossary Russian glossary Spanish glossary Ukrainian glossary Vietnamese glossary Translated test directions Simplified test directions Noise buffers
	NEDS_Mag NEDS_RA_Items NEDS_RA_Stimuli NEDS_RA_Stimuli NEDS_RA_Stimuli_ESN NEDS_RA_Stimuli_ESN NEDS_SC_Items NEDS_SS NEDS_TArabic NEDS_TCantonese NEDS_TFilipino NEDS_TKorean NEDS_TMandarin NEDS_TMandarin NEDS_TPunjabi NEDS_TPunjabi NEDS_TRussianGta NEDS_TSpanish NEDS_TUkrainian NEDS_TVietnamese NEDS_TransDirs NEDS_SimpDirs	Magnification Read aloud items Read aloud stimuli Read aloud items Spanish Read aloud stimuli Spanish Scribe items (non-writing) Separate setting Arabic glossary Cantonese glossary Filipino glossary Korean glossary Mandarin glossary Punjabi glossary Russian glossary Spanish glossary Ukrainian glossary Vietnamese glossary Translated test directions Simplified test directions

Feature Family	Feature Code	Description
NonEmbeddedAccommodatio	NEAO	No non-embedded accommodations
ns		(default)
	NEA_AR	Alternate response options
	NEA_RA_Stimuli	Read aloud stimuli
	NEA_SC_WritItems	Scribe items (writing)
	NEA_STT	Speech-to-Text
	NEA_Abacus	Abacus
	NEA_Calc	Calculator
	NEA_MT	Multiplication Table
	NEA_NumTbl	100s Number Table
	NEA_NoiseBuf	Noise buffers (obsolete) 4

Non-Embedded designated supports and non-embedded accommodations are accessibility features provided by the school or test administrator. They include paper documents such as a multiplication table or translated test directions.

"NEDS\_Other(text)" provides a means for describing a custom accessibility resource that should be provided by the test administrator. The description is included between the parentheses. For example, NEDS\_Other(Mechanical Pencil).

Descriptions are limited to 100 characters and MUST NOT include any of the following characters: open parentheses, close parentheses, colon, semicolon, comma, percent, carriage return, or linefeed. Percent encoding such as that used in URL query strings SHOULD be used to encode special characters.

## **Accessibility Feature Delivery Codes**

The Accessibility Feature Delivery Codes indicate whether a feature was designated, made available, and/or used by the student.

The 2015 version of the test delivery system does not sense whether the student actually uses an accessibility feature. Likewise, it cannot sense whether a non-embedded accommodation or support was made available. Therefore, only a subset of these codes are used in the 2015 release.

The 2015 version of "Data Warehouse Data Specification – Student Assessments" uses the numeric codes.

Feature delivery codes are case-insensitive. Systems generating codes SHOULD use upper case as shown in the table. Systems receiving codes MUST be case-insensitive when interpreting codes.

Table 2: Accessibility Feature Delivery Codes

Feature Delivery Code	Numeric Code	Designated	Available	Used	Notes	Reported by v1
UUU	0	unknown	unknown	unknown		
UUN	1	unknown	unknown	No		
UUY	2	unknown	unknown	Yes		
UNU	3	unknown	No	unknown		Х
UNN	4	unknown	No	No		Х

<sup>&</sup>lt;sup>4</sup> Noise buffers were previously included as a non-embedded Accommodation. That code, NEA\_NoiseBuf, is obsolete. New code should use the NEDS\_NoiseBuf which is a non-embedded designated support.

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Feature Delivery Code	Numeric Code	Designated	Available	Used	Notes	Reported by v1
UNY	5	unknown	No	Yes	Invalid state	
UYU	6	unknown	Yes	unknown		X
UYN	7	unknown	Yes	No		
UYY	8	unknown	Yes	Yes		
NUU	9	No	unknown	unknown		
NUN	10	No	unknown	No		
NUY	11	No	unknown	Yes	Testing irregularity	
NNU	12	No	No	unknown		
NNN	13	No	No	No		
NNY	14	No	No	Yes	Invalid state	
NYU	15	No	Yes	unknown		
NYN	16	No	Yes	No		
NYY	17	No	Yes	Yes	Testing irregularity	
YUU	18	Yes	unknown	unknown		X
YUN	19	Yes	unknown	No		
YUY	20	Yes	unknown	Yes		
YNU	21	Yes	No	unknown	Testing irregularity	
YNN	22	Yes	No	No	Testing irregularity	
YNY	23	Yes	No	Yes	Invalid state	
YYU	24	Yes	Yes	unknown		Х
YYN	25	Yes	Yes	No		
YYY	26	Yes	Yes	Yes		

## **Additional Accessibility Feature Codes**

The following additional codes are defined by the test delivery system. Many of these codes reference features that are offered by default (such as dictionaries), are used for internal configuration and messaging (such as audio controls or Braille embossing), or that are designated by the test (such as calculator type). Others provide for features that are not presently used by Smarter Balanced Tests. And some report on features that were made available during the test (such as Pool Filters)

AudioPlaybackControls	TDS_APC_PSP	Play Stop and Pause (default)
Calculator	TDS_Calc0	No Calculator
	TDS_CalcSciInv&Tds_CalcGr	Scientific Graphing and Regression
	aphingInv&TDS_CalcRegres	Calculator
	S	
	TDS_CalcBasic	Basic Calculator
	TDS_SciInv	Scientific Calculator
Dictionary	TDS_Dict0	No Dictionary
	TDS_Dict_SD2	Merriam Webster Elementary
		Dictionary

	TDS_Dict_SD3	Merriam Webster Intermediate	
		Dictionary	
	TDS_Dict_SD4	Merriam Webster School Dictionary	
	TDS_DO_AII	All Dictionary Options	
Emboss (Braille)	TDS_Emboss0	No embossing (default)	
	TDS_Emboss_Stim&TDS_E	Emboss stimuli and items	
	mboss_ltem		
Emboss Request Type	TDS_ERTO	Not Applicable (default	
	TDS_ERT_OR&TDS_ERT_Aut	Auto Request	
	0		
	TDS_ERT_OR	Emboss on request	
Expandable Passages	TDS_ExpandablePassages0	Expandable Passages Off	
	TDS_ExpandablePassages1	Expandable Passages On (default)	
Font Type	TDS_FT_Serif	Times New Roman	
	TDS_FT_Verdana	Verdana	
Global Notes	TDS_GN0	Global Notes Off	
	TDS_GN1	Global Notes On (default)	
Hardware Checks	TDS_HWPlayback	Check Playback Capabilities	
Item Font Size	TDS_IF_S14	14pt items	
Item Tools Menu	TDS_ITM1	On (default)	
	TDS_ITM0	Off	
Passage Font Size	TDS_F_S14	14pt Passages	
Mute System Volume	TDS_Mute0	Not muted (default)	
	TDS_Mute1	Muted	
Review Screen Layout	TDS_RSL_ListView	List view	
Pool Filter	OFFGRADE BELOW IN	Below-grade items included in pool	
	OFFGRADE BELOW OUT	Below-grade items not included in	
		pool	
	OFFGRADE ABOVE IN	Above-grade items included in pool	
	OFFGRADE ABOVE OUT	Above-grade items not included in	
	TDO TO U.S.	pool	
Test Shell	TDS_TS_Universal	Universal test shell	
Thesaurus	TDS_THO	No thesaurus	
	TDS_TH_TA	Merriam Webster Intermediate	
The second of the second	TDC TO All	Thesaurus	
Thesaurus Options	TDS_TO_AII	All thesaurus options	
Text-to-Speech Pausing	TTS_AA0		