<u>Data Element</u>	<u> Mandatory</u> <u>Data Type</u>	<u>Code</u> <u>Value</u>	<u>Description</u>	<u>Validation Rules / Notes</u>
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The following accommodations and accessibility features, including test format, session and class name, will be directly entered into Vendor by districts for SY 2020.

KEY

RED Indicates Test Format: Online/Paper, Online Only, or Paper Only

BLUE Indicates Requirements (if any) for IDEA Services (IEP) Indicator (from SIS), EL Indicator (from SIS), or Accommodation 504 (IAR Pre-ID) GREEN Indicates Subject: ELA/Math, ELA Only, or Math Only

est Format	Mandatory	Char(1)		
	<u> </u>		0	Online = Computer-based
				Testing (Default)
			Р	Paper = Paper-based Testing
Session Name	Optional	Char(45)		For computer-based testing: If this field is populated no later than March 1,
				2019, the session will be auto-created in PAN and the student's test will be
				placed into the named session. Students requiring a read aloud computer-based
				test should be placed in specific read aloud test sessions directly in PAN.
				For paper-based testing: If this field is populated no later than February 15, 2019,
				and the test format is paper, then this will be used for sorting Pre-ID labels
Class Name	Optional	Char(38)		This field will not be transmitted to PAN in spring 2019.
Accommodation 504	Optional	Char(2)		504 accommodations needed for a given assessment.
			01	Yes
			02	No
Alternate	Optional	Char(2)		Use to assign a specific test form. Student requires paper-based test format as
Representation-Paper Test				an accommodation.
				If value equals "01 - Yes" the student must also have Test Format populated
				with "P - Paper".
				· ·
				Test Format = Paper Only
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes
				Subject = ELA/Math
				Subject - LLA Math
			01	Yes

Data Element	Mandatory	Data Type	Code	Value <u>Description</u>	Validation Rules / Notes
Spanish Version of the Mathematics Assessment	Optional	Char(2)		Use to assign a specific test form. Note: This option is for the Spanish Mathematics Version without the support of text-to-speech. To request the Spanish form with text-to-speech enabled, leave this field "02 - No", and populate the Text-to-Speech field with "14" or "15". If value equals "01 - Yes" the following criteria must be met: - ASL Video must be "02 - No" - Assistive Technology - Screen Reader/ Non-Screen Reader must be "00 - None" - Text-to-Speech must be "00 - None"	
				Test Format = Online/Paper Subject = Math Only	
			01	Yes	
			02	No (Default)	
Large Print	Optional	Char(2)		Use to assign a specific test form. A Large Print test booklet is provided with text increased 150% to an 18 point font. The student may record answers directly in the large print test booklet, as needed. If this is done, student responses must be transcribed verbatim into the provided standard size student test booklet or answer document by a test administrator for scoring. Responses that have not been transcribed will not be scored. Note: Spanish Version of the Mathematics Assessment is available in Large Print for students with EL as "01 - Yes". To receive this accommodation, populate Spanish Version of the Mathematics Assessment with "01 - Yes" and Large Print with "01 - Yes." If value equals "01 - Yes" the following criteria must be met:	
				- Braille with Tactile Graphics must be "00 - None" or left blank. Test Format = Paper Only IDEA Services (IEP) Indicator or 504 Accommodation must be Yes Subject = ELA/Math	
			01	Yes	
			02	No (Default)	
Answer Masking	Optional	Char(2)		Use to assign a specific test form. For Computer-based Testing:	

Data Element	Mandatory	Data Type	Code	<u>Value</u> <u>Description</u>	Validation Rules / Notes
				Used to assign this accessibility feature for computer-based testing. By default,	
				answer choices for multiple-choice items are covered when the item is first	
				presented. The student has the ability to remove the masks at a time of their	
				choosing. This is available to ALL students and is available on all test forms.	
				For Paper-based Testing:	
				Specifies as part of an Assessment Personal Needs Profile the type of masks the student is able to use to cover answers until needed.	
				student is able to use to cover answers until needed.	
				Test Format = Online/Paper	
				Subject = ELA/Math	
			01	Yes	
			02	No (Default)	
Color Contrast	Optional	Char(2)		Use to assign a specific test form.	
				Fau Cannanton hazad Tastinan	
				For Computer-based Testing: The interface launches a pre-selected alternate color combination for the text	
				(foreground) and background colors. The student my change the color contrast	
				option or disable this feature. This is available to ALL students and is available	
				on all test forms.	
				on directioning.	
				If value equals "01" - "06", the student must have Test Format populated with	
				"O - Online".	
				For Paper-based Testing:	
				Colored overlays for background color. Font color cannot be changed.	
				Colored overlays for background color. For color calmot be changed.	
				Proctor/School Provided Accommodation	
				If value equals "07" the student must have Test Format populated with "P -	
				Paper".	
				Test Format = Online/Paper	
				Subject = ELA/Math	
			01	black font on cream	
				background	
			02	black font on light blue	
				background	
			03	black font on light magenta	
				background	

Data Element	<u>Mandatory</u>	Data Type	<u>Code</u>	<u>Value</u>	<u>Description</u>	<u>Validation Rules / Notes</u>	
			04	white font on black			
				background			
			05	yellow font on blue			
				background			
			06	low contrast color, dark gra	ау		
				font on pale green			
				background			
			07	locally provided color over	•		
				for the student to place ov	er		
			00	their paper test			
Total to Consoli	Outland	Cl(2)	00	None (Default)	+ f		
Text-to-Speech	Optional	Char(2)		Use to assign a specific tes	st form.		
				Used as part of an Assess	nent Personal Needs Profile to defi	no the type of	
					ndered using the read aloud altern		
				not intended to support st		ative content. It is	
				not intended to support s	daents who are sima.		
				Subject = ELA/L			
				The state of the s	llowing criteria must be met:		
				- ASL Video must be "02 =			
				- Assistive Technology - Sc	reen Reader/Non-Screen Reader m	ust be "00 - None"	
				- Closed Captioning for ELA			
				- Refreshable Braille Displa	ay for ELA/L must be "02 - No"		
				- Human Signer or Human	Reader must be "00 - None"		
				Subject = Mathematics			
					"14", or "15" the following criteria	must he met:	
				- ASL Video must be "02 =		must be met.	
					reen Reader/Non-Screen Reader m	ust he "00 - None"	
					of the Mathematics Assessment m		
					Reader must be "00 - None"		
				S			
				Test Format = Online Only			
					rices (IEP) Indicator or 504 Accomm	odation must be	
				"Yes"			
				Subject = ELA/Math			
			11	Text-to-Speech English for			
				ELA/L Text and Graphics			
			12	Text-to-Speech English for			
				Math Text and Graphics			

<u>Data Element</u>	Mandatory	Data Type	<u>Code</u>	<u>Value</u> <u>Description</u>	<u>Validation Rules / Notes</u>
			13	Text-to-Speech English for	
				Math Text Only	
			14	Text-to-Speech Spanish for	
				Math Text and Graphics	
			15	Text-to-Speech Spanish for	
				Math Text Only	
			00	None (Default)	
Human Signer or Human Reader	Optional	Char(2)		Use to assign a specific test form.	
				The test is read aloud or signed to the student b	y the test administrator. The
				same test form will appear for the Proctor to Sig	n or Read Aloud to the student.
				If value equals "03 - Human Signer" or "04 - Hum	nan Read Aloud" the following
				criteria must be met or the value will be defaulte	ed to "00 - None"
				- ASL Video must be "02 - No"	
				- Assistive Technology - Screen Reader/Non-Scre	en Reader must be "00 - None"
				- Closed Captioning for ELA/L must be "02 - No"	
				- Refreshable Braille Display for ELA/L must be "0	02 - No"
				- Text-to-Speech must be "00 - None"	
				Important: Students requiring a Human Reader f be placed in specific read-aloud test sessions in I Session Name field to a different value to autom a read-aloud computer-based test in a separate sessions will need the form group type manually	PAN. To do this, change the latically place students requiring session(s). Once created, the switched to Human Reader
				Test Format = Online/Paper For Subject ELA, IDEA Services (IEP) Indicator or Yes	
				Subject = ELA/Math	
			03	Human Signer	
			04	Human Read Aloud	
			00	None (Default)	
ASL Video	Optional	Char(2)		Use to assign a specific test form.	
				Used to assign the form administered for compu Sign Language content is provided to the studen video.	

Data Element	Mandatory	Data Type	Code	<u>Value</u> <u>Description</u>	Validation Rules / Notes
				If value equals "01 - Yes" the following criteria must be met:	
				- Assistive Technology - Screen Reader/ Non-Screen Reader must be "00 - None"	
				- Closed Captioning for ELA/L must be "02 - No"	
				- Spanish Version of the Mathematics Assessment must be "02 - No"	
				- Text-to-Speech must be "00 - None"	
				- Human Signer or Human Reader must be "00 - None"	
				Test Format = Online Only	
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes Subject = ELA/Math	
			01	Yes	
			02	No (Default)	
Assistive Technology - Screen Reader	Optional	Char(2)		Use to assign a specific test form.	
Non-Screen Reader				Assistive Technology - Screen Reader	
				Used to assign the form administered for computer-based testing. Delivers form	
				tagged to support Screen Reader use.	
				If value equals "05 - Screen Reader" the following criteria must be met:	
				- ASL Video must be "02 - No"	
				- Closed Captioning for ELA/L must be "02 - No"	
				- Spanish Version of the Mathematics Assessment must be "02 - No"	
				- Text-to-Speech must be "00 - None"	
				- Human Signer or Human Reader must be "00 - None"	
				If a student is enrolled for Assistive Technology - Screen Reader after February	
				15, 2019, then an additional order will need to be submitted.	
				Screen Reader Assistive Technology is a 3rd party external support intended for	
				students who are blind. The Screen Reader is used for browser navigation and	
				access to content (examples: Jaws, NVDA). It can also be used in combination	
				with a Refreshable Braille device for access and response.	
				Note: If value equals "05 - Screen Reader" a Tactile Graphics supplement	
				booklet will be shipped automatically if the specific computer-based test images	
				or graphics must be represented by tactile graphics.	
				Assistive Technology - Non-Screen Reader	
				Used to assign the form administered for computer-based testing when an	
				assistive technology application is needed for students without visual	
				impairments.	

<u>Data Element</u>	<u>Mandatory</u>	<u>Data Type</u>	<u>Code</u>	<u>Value</u>	<u>Description</u>	Validation Rules / Notes
				- ASL Video mus - Closed Caption - Spanish Version - Text-to-Speec - Human Signer Non-Screen Rea Read&Write Go	ning for ELA/L must be "02 - No" on of the Mathematics Assessment must be "02 - No" th must be "00 - None" r or Human Reader must be "00 - None" ader Assistive Technology Application (examples: Co: old) used to deliver computer-based test form. Online Only IEP) Indicator or 504 Accommodation must be Yes	
			05	Screen Reader		
			06	Non-Screen Rea	ader	
			00	None (Default)		
Closed Captioning for ELA/L	Optional	Char(2)	04	Used to assign to captioning and video screen, or information. If value equals to ASL Video must Assistive Tech "00 - None" - Text-to-Speec - Human Signer Test Format = Country IDEA Services (I Subject = ELA O	chology Screen Reader/ Non-Screen Reader Application th must be "00 - None" r or Human Reader must be "00 - None" Online Only IEP) Indicator or 504 Accommodation must be Yes	elevision, etive
			01	Yes		
Defueshable Busille	Ontional	Char(2)	02	No (Default)	enecific test form	
Refreshable Braille Display for ELA/L	Optional	Char(2)		Used to assign a Reader. Studen Reader into Bra		
				If value equals '	"01 - Yes" the following criteria must be met:	

Data Element	<u>Mandatory</u>	Data Type	<u>Code</u>	<u>Value</u> <u>Description</u>	<u>Validation Rules / Notes</u>
				- Assistive Technology - Screen Reader/ Non-Screen Reader must be "05 - Screen	
				Reader"	
				Test Format = Online Only	
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes	
				Subject = ELA Only	
			01	Yes	
			02	No (Default)	
Braille Response	Optional	Char(2)		For a student who is blind or visually impaired, the student's responses are	
				captured by a Braille Writer or Braille Notetaker.	
				Proctor/School Provided Accommodation	
				1 100001/3011001 1 1011000 1 100011111100001011	
				Test Format = Online/Paper	
				IDEA Services (IEP) Accommodation or 504 Accommodation must be Yes	
				Subject = ELA/Math	
			01	Braille Writer	
			02	Braille Notetaker	
			00	None (Default)	
Braille with Tactile	Optional	Char(2)		Use to assign a specific test form.	
Graphics				A hard copy Braille test booklet is provided with embedded tactile graphics.	
				Student responds and test administrator must transcribe student responses into a standard student test booklet or answer document. Responses that have not	
				been transcribed will not be scored.	
				been transcribed will flot be scored.	
				If value equals "11" the following criteria must be met:	
				-Large Print must be "02 - No" or left blank.	
				Test Format = Paper Only	
				IDEA Services (IEP) Accommodation or 504 Accommodation must be Yes	
				Subject = ELA/Math	
			11	UEB/Unified English Braille	
			00	None (Default)	
Answers Recorded in Test Book	Optional	Char(2)		Proctor/School Provided Accommodation	
				Test Format = Paper Only	
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes	
				Subject = ELA/Math	
			01	Yes	
			02	No (Default)	

Data Element	Mandatory	Data Type	<u>Code</u>	<u>Value</u> <u>Description</u> <u>Validation Rules / Notes</u>
Calculation Device and Mathematics Tools	Optional	Char(2)		The student is allowed to use a calculator as an accommodation, including for items in test sections designated as non-calculator sections. In addition, an arithmetic table (including addition/subtraction and/or multiplication/division charts), and/or manipulatives may be used. A student must be provided a hand held calculator and/or mathematics tools on non-calculator sections. Proctor/School Provided Accommodation
				Test Format = Online/Paper
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes
				Subject = Math Only
			03	Uses calculator on non-
				calculator section
			04	Uses mathematics tools on
			05	non-calculator section
			05	Uses both calculator and
				mathematics tools on non- calculator section
			00	None (Default)
ELA/L Constructed	Optional	Char(2)	- 00	The student's response is captured by an external speech-to-text device, human
Response	Optional	Char(2)		scribe, human signer, or external AT device for constructed response item types.
				Proctor/School Provided Administration Considerations
				Test Format = Online/Paper
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes
			04	Subject = ELA Only
			01	Speech-to-Text
			02	Human Scribe
			03	Human Signer External AT Device
			00	None (Default)
ELA/L Selected	Optional	Char(2)	00	The student's response is captured by an external speech-to-text device, human
Response or Technology	Optional	Char(2)		scribe, human signer, or external AT device for selected response or technology
Enhanced Items				enhanced item types.
				Proctor/School Provided Administration Considerations
				Test Format = Online/Paper

Data Element	Mandatory	Data Type	<u>Code</u>	<u>Value</u> <u>Description</u>	Validation Rules / Notes
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes Subject = ELA Only	
			01	Speech-to-Text	
			02	Human Scribe	
			03	Human Signer	
			04	External AT Device	
			00	None (Default)	
Mathematics Response	Optional	Char(2)		The student's response is captured by an external speech-to-text device, huma scribe, human signer, or external AT device.	n
				Proctor/School Provided Administration Considerations	
				Test Format = Online/Paper	
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes	
				Subject = Math Only	
			01	Speech-to-Text	
			02	Human Scribe	
			03	Human Signer	
			04	External AT Device	
			00	None (Default)	
Monitor Test Response	Optional	Char(2)		The test administrator or assigned accommodations provider monitors proper	
				placement of student responses on a test booklet/answer document or within	a
				computer-based test. The test administrator or assigned accommodations	
				provider cannot assist the student with changing a response.	
				Proctor/School Provided Administration Considerations	
				Test Format = Online/Paper	
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes	
				Subject = ELA/Math	
			01	Yes	
			02	No (Default)	
Word Prediction for	Optional	Char(2)		The student uses a word prediction external device that provides a bank of	
ELA/L				frequently- or recently-used words as a result of the student entering the first	
				few letters of a word.	
				Proctor/School Provided Administration Considerations	
				Test Format = Online/Paper	
				IDEA Services (IEP) Indicator or 504 Accommodation must be Yes	

Data Element	<u>Mandatory</u>	Data Type	<u>Code</u>	<u>Value</u>	<u>Description</u>	<u>Validation Rules / Notes</u>
				Subject = ELA Only		
			01	Yes		
			02	No (Default)		
Mathematics Response	Optional	Char(2)	- 02		captured by an external speech-to	-text device or
- EL	Optional	criar(2)		human scribe.	captarea by an external special to	text defice of
				Proctor/School Provided	Administration Considerations	
				Test Format = Online/Pap	er	
				EL Indicator must be Yes		
				Subject = Math Only		
			01	Speech-to-Text		
			02	Human Scribe		
		-1 (-)	00	None (Default)		
Word-to-Word	Optional	Char(2)		The student uses a publish	hed word-to-word hand-held dicti	onary.
Dictionary (English/Native Language)				Proctor/School Provided	Administration Considerations	
Language				Test Format = Online/Pap	er	
				EL Indicator must be Yes	C.	
				Subject = ELA/Math		
			01	Yes		
			02	No (Default)		
Extended Time	Optional	Char(2)		Extended Time is provided	d to the student.	
				Proctor/School Provided	Administration Considerations	
				Test Format = Online/Pap	er	
				•	tor, EL indicator, or 504 Accommo	dation must be Yes
				Subject = ELA/Math		
			01	EL	,	
			02	IDEA Services (IEP)/504		
			03	Both		
			00	No Extended Time (Defaul	t)	