### aMath Assessment



The contents of this resource were developed under an agreement from the Federal Department of Education to the Kansas State Department of Education. However, the contents do not necessarily represent the policy of the Department of Education, and endorsement by the Kansas State Department of Education or the Federal Government should not be assumed. Kansas MTSS and Alignment is funded through Part B funds administered by the Kansas State Department of Education's Special Education and Title Services. Keystone Learning Services does not discriminate on the basis of race, color, national origin, sex, disability, or age in this program and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Keystone Learning Services Executive Director, 500 E. Sunflower Blvd, Ozawkie, KS 66070, 785-876-2214.



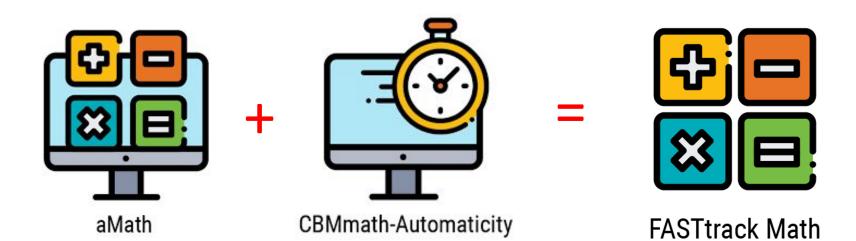


### aMath Assessment





### **FASTtrack Math**







### FASTtrack Math

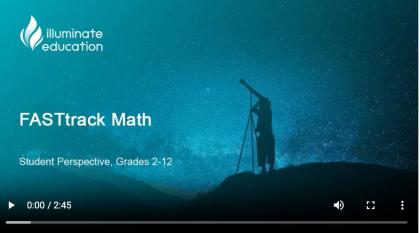
### FASTtrack Math: Measures by Grade Level

GRADES	ASSESSMENT 1	ASSESSMENT 2
K - 1	earlyMath Composite	earlyMath Subtests
2.0	CBMmath Automaticity (L2 GOM)	aMath
3 - 12	CBMmath Automaticity (L3 GOM)	aMath



### **FASTtrack Resources**

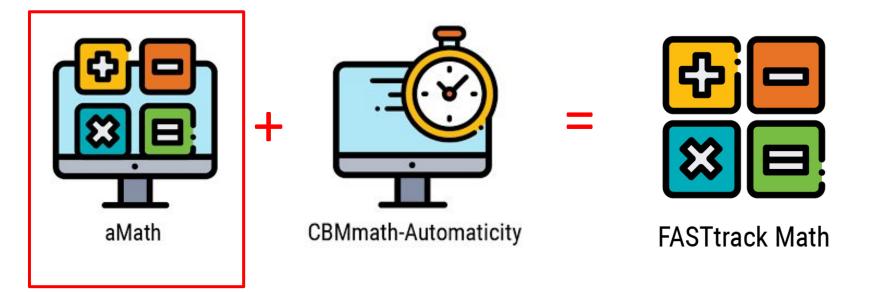




Kansas MTSS

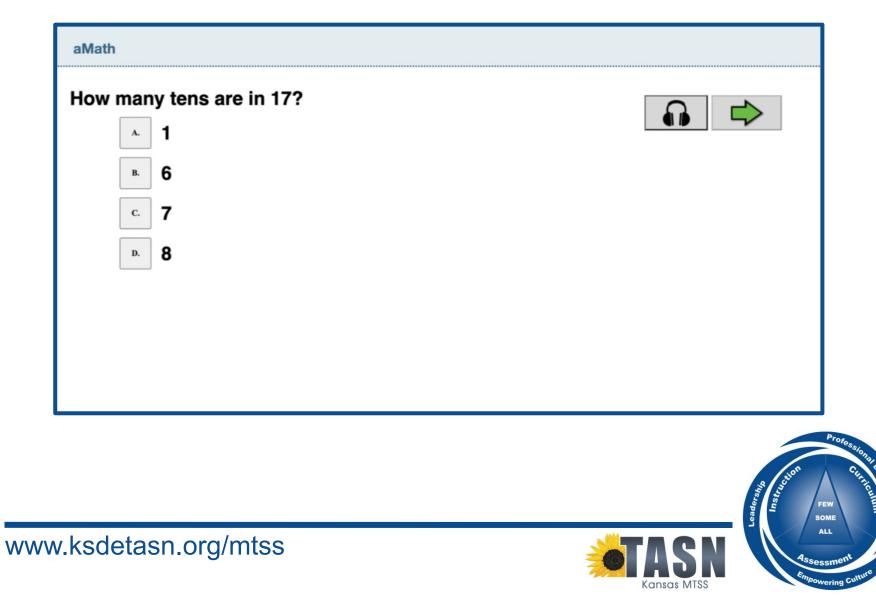


### **FASTtrack Math**









- Computer Adaptive Measure
- Aligned with 2010 CCSSM
- Approx. 30 questions
- Screening Only, grades 2-12 (available K-12)
- Students need headphones
- Two practice items before beginning
- Final score indicates a student's current math level



## aMath Test Items Per Grade Level

Student's Enrolled Grade Level	Lowest Items the Student Will See	Highest Items the Student Will See
Kindergarten	Kindergarten	Grade 2
Grade 1	Kindergarten	Grade 3
Grade 2	Kindergarten	Grade 4
Grade 3	Kindergarten	Grade 5
Grade 4	Kindergarten	Grade 6
Grade 5	Kindergarten	Grade 7
Grades 6-12	Kindergarten	High School



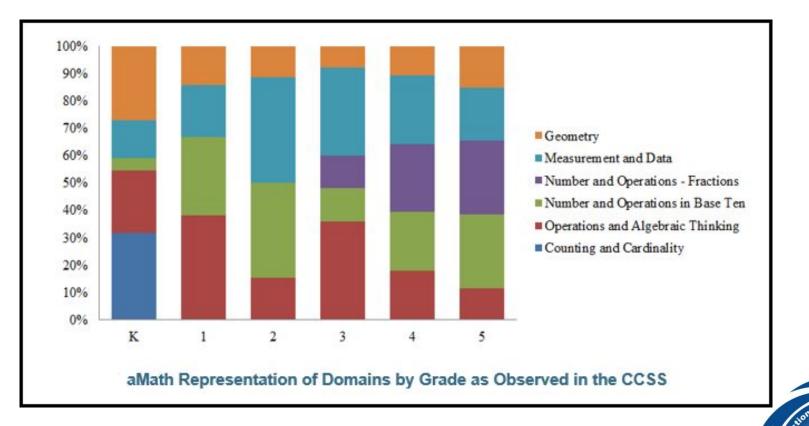
Grades 2-5 items incorporate these domains:

- Counting and Cardinality
- Operations and Algebraic Thinking
- Number and Operations in Base Ten
- Number and Operations Fractions
- Measurement and Data
- Geometry





### Broad math abilities across six domains, K-5:





Grades 6-12 items incorporate additional domains:

- Ratios and Proportional Relationships
- The Number System
- Expressions and Equations
- Functions
- Statistics and Probability



## **Getting Started**







FASTtrack Reading

AUTOreading

aReading



COMPefficiency



FASTtrack Math



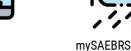
CBMmath-Automaticity





aMath

١P



Testing requires:

- Printable student logins and passwords
- Students must have an individual device and set of headphones
- Reliable internet connection

Kansas MTSS



### Standardization





Kansas MTSS

## Standardization

- Place any keyboards aside, cover, or remind students not to use
- Provide scrap paper and pencils for students to use during the aMath assessment (this does not apply to CBMmath Automaticity
- Make sure students have something to work on/read when finished
- Calculators are not allowed unless the student is on an IEP that allows calculators



## More questions?

### **Special Accommodations**



Follow

FastBridge<sup>™</sup> does not provide them but we do allow certain special accommodations, which may be helpful for students with disabilities or for students on Individual Education Plans (IEPs). These accommodations are allowed for either screening or progress monitoring. Any other accommodations should be listed on the student's IEP.

- CBM assessments, available via paper and pencil, can be taken as needed for any reason.
- Text Magnification
- Sound Amplification
- Extra Breaks
- Preferential Seating and Use of Quiet Space
- Proxy Responses
- Extended Time (for aReading, aMath, and the untimed portions of CBMmath, earlyReading and earlyMath only)

- Students with different needs or abilities may take the computer-based assessments on a tablet-type device to facilitate screen optimization.

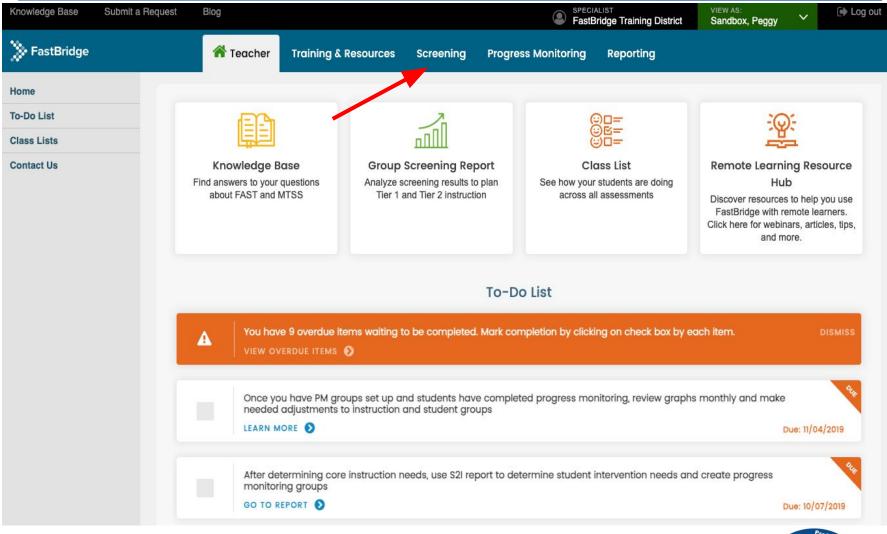
Calculators are not allowed unless the student is on an IEP that allows calculators.

Pencil & Paper can be used to help work out the problems (This does not apply to CBMmath Automaticity.)

The tests were normed without accommodations. Anything in the student's IEP is allowed, however, bear in mind that the student's score will be compared to norms and benchmarks that do not take the accommodation into account.











Knowledge Base S	ubmit a	Request Blog			SPECIA FastB	ALIST ridge Training District	VIEW AS: Sandbox, Peggy 🗸 🗸	🕩 Log
🔆 Fast Bridge		😚 Teacher	Training & Resources	Screening	Progress Monitoring	Reporting		
FASTtrac	-	03 FASTtrack Reading — S	spring					
FASTtrack Reading		About					Next Stope:	
03 FAS rack Reading	-		es the recommended FAST s	screening asses	sments for your grade level.	Using these	Next Steps: Screening to Inter	vention
FASTtrack Math	>		ss to instructional recommen				Report	
ALL ASSESSMENTS	-							
aReading	>				Computer Admin		Teacher Admin	
AUTOreading	>	Student Name	Status					
CBMreading	>				aReading		CBMreading Englis	h
earlyReading	>	Godsey, Railene	Completed		532		61	
COMPefficiency	<u></u> ∠>	Gousey, Railene	Completed		332		01	
aMath	>	Griggs, Emily	Completed		568		78	
CBMmath Automaticity	>	Chygo, Enny	Completed					
CBMmath Process	>	Kalita, Eli	in Progress		489		Resume	
CBMmath CAP	>							
earlyMath	>	Karnavat, Jamari	: In Progress		Start		Resume	
SAEBRS	>							
mySAEBRS	>	Koenig, Patrick	: In Progress		Start		62	
		Ramirez Chavero, John	: In Progress		Start		133	
		Serna, Benjamin	: In Progress		Start		Resume	Pro
							Streepper	FEW SOME
/ww.ksd	eta	asn.org/mtse	6			<b>TASN</b>	Ass Enp	essment Wering Culture

Kansas MTSS

#### 03 FASTtrack Math - Spring About Next Steps: FASTtrack Math includes the recommended FAST screening assessments for your grade level. Using these Screening to Intervention assessments allows access to instructional recommendations on the Screening to Intervention report. Report **Computer Admin** Student Name Status CBMmath Automaticity - Level... aMath Ahmad, Abdulla ⊘ Completed 133 202 O Completed 125 Briones, Sara 230 : In Progress Colina, Mario Resume 212 Curteys, Emanuell Completed 5 : In Progress De Gieter, Jolien Resume : In Progress El-Hashem, Latifa Resume

















### **Congratulations! You're finished.**

Exit





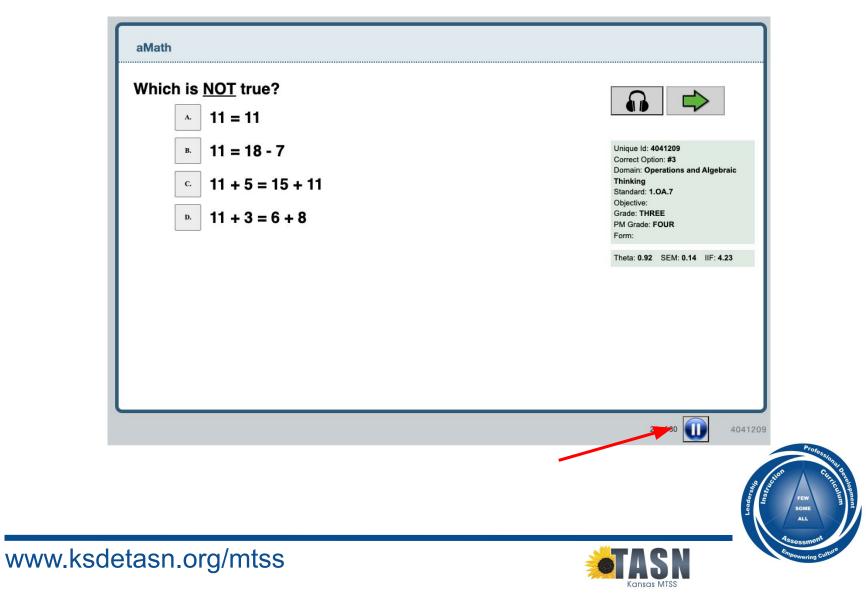
www.ksdetasn.org/mtss			Some ALL 4ssessment Smacwering Culture
			Protossiloiti provos
Sezen, Asa	: In Progress	Resume	
Palencia, Rosario	: In Progress	Resume	
Okeke, Jatau	O Completed	257	238
McDermott, Clancy	U Not Started	Start	
Magnus, Kaare	: In Progress	Resume	
Ledwick, Cordell	: In Progress	Resume	
Kou Leng, Txoov	: In Progress	Resume	
Koksal, Koc	Completed	119	235
Keles, Melis	: In Progress	Resume	
Kayani, Darya	Completed	14	231
Inan, Pinar	⊘ Completed	105	230

### **Troubleshooting Issues**





### Pausing a Test



## Test Interruption / Shut Down

Resume







Kansas MTSS

Persentaria       Training & Resources       Screening       Progress Monitoring       Reporting         RESOURCES       ESCURCES       INSTRUCTION & INTERVENTION       FASTELIX       GETTING STARTED	nowledge Base Submit a Request	Blog		SPECIALIST     FastBridge Training District     VIEW AS:     Casey, Conner	or 🗡
<section-header>         Image: Section of the section of t</section-header>	FastBridge	😭 Teacher	Training & Resources	Screening Progress Monitoring Reporting	
Kat Mandari   Cat Mandari </td <td>RESOURCES</td> <td>FASTBRIDG</td> <td>BE ASSESSMENTS</td> <td>INSTRUCTION &amp; INTERVENTION FASTFLIX GETTING STARTED</td> <td></td>	RESOURCES	FASTBRIDG	BE ASSESSMENTS	INSTRUCTION & INTERVENTION FASTFLIX GETTING STARTED	
Fact Maxing   Fact Maxing </td <td></td> <td>•</td> <td></td> <td>RECURCES</td> <td></td>		•		RECURCES	
And the set of the set				RESOURCES	
Only Reading     Down     Down     Call     Value     Call       web/Reading/memory     web/Reading/memory     web/Reading/memory     web/Reading/memory     web/Reading/memory     web/Reading/memory     web/Reading/memory       Downser/Reading/memory     Downser/Reading/memory     Downser/Reading/memory     Second Social     web/Reading/memory     web/Reading/memory       Downser/Reading/memory     Downser/Reading/memory     Downser/Reading/memory     Second Social     web/Reading/memory     web/Reading/memory       Common Reading/memory     Callers/memory     Callers/memory     Balan Social     Colorge Parling/memory     web/Reading/memory       Downser/Reading/memory     Callers/memory     Callers/memory     Balan Social     Colorge Parling/memory     web/Reading/memory       Downser/Reading/memory     Callers/memory     Callers/memory     Balan Social     Colorge Parling/memory     web/Reading/memory       Downser/Reading/memory     Callers/memory     Balan Social     Colorge Parling/memory     web/Reading/memory     web/Reading/memory       Downser/Reading/memory     Callers/memory     Balan Social     Colorge Parling/memory     web/Reading/memory     web/Reading/memory       Downser/Reading/memory     Callers/memory     Balan Social     Colorge Parling/memory     web/Reading/memory     web/Reading/memory       Downser/Readi	PAST finaling		Benchmark - aReading		
aut/futurery graderies aut/fut/fut/fut/fut/fut/fut/fut/fut/fut/f	and Bradies	Drute			
Descension     Descension     Configure       Lett: more short and references     CCBMmeth Process       CCBMmeth Process     CCBMmeth Process       Contract Measurement of Handras     Descension       Contract Measu	04		Some Rak 4 367.0	+41 <sup>2</sup>	
Lear way also law/hang     CBMmath Pro       CBMmath Procession     CBMmath Procession       Company Base Meany way also law/hang     CBMmath Procession       Company Base Meany way also law/hang     Develop frameway       Develop frameway     CBMmath Autor       Company Base Meany way also law/hang     CBMmath Autor       Company Base Meany way also law/hang     CBMmath Autor       Company Base Meany way also law/hang     Campa Meany Base Meany       Company Base Meany way also law/hang     Campa Meany Base Meany       Company Base Meany way also law/hang     Campa Meany Base Meany       Company Base Meany way also law/hang     Campa Meany Base Meany       Company Base Meany way also law/hang     Campa Meany Base Meany       Company Base Meany Way also law     Campa Meany					
CEMeroading     Catitate Present       Curricun Baser Messenweit of Bading     Derwind Masser/se       Derwind Messenweit of Bading     Derwind Masser/se       Later mer abading Derwinds     Derwind Masser/se       Catitate Presenweit of Bading     CeMmath Autor (CMMark Autor)       Catitate Presenweit of Bading     CeMmath Autor (CMMark Autor)       Catitate Presenweit of Bading     CeMmath Autor (CMMark Autor)       Catitate Presenweit of Bading     CeMmath Autor       Catitate Presenweit of Bading     CeMmath Autor       Catitate Presenweit of Bading     Serie Bading       Serie Bading     Serie Bading		Mmath Pro	Some Risk + 435.0	* 454	
Devined features     Page files     440.9     447.9       Xean more shard CDM/Medry     CBM/math Auto CDM/math Yean     Sineed flow     Collage featuresy Sinee flow     440.9     447.9       AUTOFICEADING     Math Same to Downline     Sineed flow     Collage featuresy Sinee flow     440.9     440.9       Autom Same Autom Same Same Same Same Same Same Same Sam	CBMreading case	and the second se			
Later more about Columbianing     CEMMmath Aut Columbianing     Descent from the columbianing     Sector from the columbianing       Autor Columbianing     Sector from the columbianing     Sector from the columbianing     Sector from the columbianing     Sector from the columbianing	- Low	rtud essuros			
AUTOreading Landing http://www.com/com/com/com/com/com/com/com/com/com/		Mmath Aut			
Restauring Advances		A REAL PROPERTY AND A REAL	Some Ras < 4873	< 49 <sup>7</sup>	
Downloads Benchmarks & Norms	Reality Manufactory	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.			
	Bonnioudo		Benchmarks & Norms		
aReading Notes and Alexandree of Mark	aReading	Concerning and Concerning and	Ecology Tol ang Action 1 Ecology Tol ang Action 1		



Kansas MTSS

	Training & Resource	S Screening Pr	ogress Monitoring	Reporting		
Mattering       Mattering	IDGE ASSESSMENTS	INSTRUCTION & INTE				
Image: Control of Disability     Control Name     Control Nam			RVENTION FAS	GETTIN GETTIN	NG STARTED	
early/Reading     early/Math     early/Math       early/many conserved to and proven yearlet     early/Math     early/Math       Description terms     Description terms     out       Learn tree, stord anty/filesting     CBMmath Prov     out       CBM/reading     CBMmath Prov     out       Controluin Basic Neuronent of Fileding     Description terms     Prov       Description terms     Description terms     Prov       Learn tree and (Obtimating)     CBMmath Aut     report						
Control/Reacting     Control/Reacting       wet/Making generative for andy privacy generic     Control/Math       Descrind reserves     Control/Reacting       Descrind reserves     CBMmath Proc       Control/Reacting     California       Descrind reserves     California		RESOURCES	6			
Control/Reacting     Control/Reacting       wet/Making generative for andy privacy generic     Control/Math       Descrind reserves     Control/Reacting       Descrind reserves     CBMmath Proc       Control/Reacting     California       Descrind reserves     California						
sarlyflading (assessment for anly privacy goldes) advike (assessment for an Descenari resources Lawr now stord advike (assessment for a CBM/meak/Meak Controlute Dave Descenaries of Balang Descenario resources Lawr now stord (Divinging) CBM/math Aut	Benchmark - aRea	Note:				
and Fileding (assumment for early privacy grades)     Described resources	Scaled Score College Pathway >+	H.0 1~45				
Centre start start/files/ing         CBMmath Pro         261           CBMmeading         CBMmath Pro         261           Control in Banet Measurement of Backing         CBMmath Auto         260           Desented measurement         Desented measurement         260           Start more start (CBMmath Pro         CBMmath Auto         260           Start more start (CBMmath Reservent)         CBMmath Auto         260		F8 <417 3.0 <391				
CBMreading Conduct Same Measured of Neading Downaid Investment Laws more about Childheading CBMmath Auto		47.0 >= 47;				
CBMroading CBMrah Present Currou.n. Basit Measurement of Reading Deserted Reacys Downeal exercises Lawn more about CBMmading CBMmatin Auto	Some Risk 44	60 + 464 60 + 440				
Curroutin Beer Measurement of Reading Desented Insurpres Downland Insurpres Learn more about Clohimading CBMmath Aut merez						
Lean non about CDM/heading CBM/math Aut	Some Risk 44	82.0 H= 400 8.0 < 481				
	High Risk 4	471				
COMMarh Automaticity		In a set 501 213 < 4597				
AUTOreading		10 A A A A A A A A A A A A A A A A A A A				
Reading Sciences	Band Long Drings Forms A	10.0 A 10.0				
Downloads Math	Bonohmarka & Marma					
a Reading	Benchmarks & Norms	8.0 × 80				





Know	vledge Base Submit a Request	Blog			SPEC Fas	CIALIST tBridge Training District	VIEW AS: Casey, Connor	✔ Log out
$\gg$	FastBridge	🖀 Teacher	Training & Resources	Screening	Progress Monitoring	Reporting		
Bench	nmarks and Norms							
	Download Use & Interpretation Guidelines	3						
	Benchmarks [_] Norms	[+]						
	1. Select Assessment:							
	<ul> <li>aReading</li> <li>AUTOreading</li> <li>CBMreading English</li> <li>CBMeComp - Recall mySAEBRS</li> </ul>		Comp - Question eading Spanish Pefficiency Reading English	● aM ○ CB	lyReading Spanish ath Mmath Automaticity Mmath Process	CBMmath earlyMath devMilesto SAEBRS		
	2. Select Grade Level:							i i
	KG ONE TWO THREE	FOUR FIVE	SIX SEVEN EIGH			Clear Grades	All Grades	Submit
								Professional Development Cutriculum SOME
	www.ksdetasn.	org/mts	S			TASN KODSOS MUSS	4550	ALL Dessment Wering Culture

Grade	Metric	Risk Level	Fall	Winter	Spring
TEN	Scaled Score	College Pathway Some Risk High Risk	>= 236.7 < 224.6 < 211.9	>= 238.4 < 226.2 < 213.4	>= 239.3 < 226.8 < 213.8

#### Benchmark - aMath



### Want more information?







