

---

# CBMmath Automaticity Assessment Level 1 GOM



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.

---

[www.ksdetasn.org/mtss](http://www.ksdetasn.org/mtss)



---

# CBMmath Automaticity Assessment Level 1 GOM

[www.ksdetasn.org/mtss](http://www.ksdetasn.org/mtss)





# FastBridge Universal Screening Assessment Grid - Mathematics

Screening Assessment	PK	K	1	2	3	4	5	6	7	8	9	10	11	12
earlyMath Composite*	X	X	X											
aMath				X	X	X	X	X	X	X	X	X	X	X
<b>CBMmath Automaticity</b> Grade 1 - Level 1 GOM (optional) Grade 2 - Level 2 GOM Grades 3 and above - Level 3 GOM			X	X	X	X	X	X	X	X	X	X	X	X
CBMmath Process (optional)						X	X	X						
CBMmath CAP (optional)			X	X	X	X	X	X	X	X				

### \*FastBridge earlyMath Composite Subtests

Grade	Fall	Winter	Spring
PreK	Subitizing	Subitizing	Counting Objects
	Counting Objects	Counting Objects	Number ID
	Number ID	Number ID	Number Sequence
Kindergarten	Numeral Identification	Numeral Identification	Numeral Identification
	Match Quantity	Decomposing	Decomposing
	Number Sequence	Number Sequence	Number Sequence
1st Grade	Numeral Identification	Place Value	Place Value
	Decomposing	Decomposing	Decomposing
	Number Sequence	Number Sequence	Story Problems

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, Ozawie, KS 66070, 785-876-2214.

Last updated July 2023



---

# CBMmath Automaticity Level 1 GOM

- Provides data around instruction that aligns with state fluency standards, particularly K.OA.2 and 1.NBT.4a
- Provides data to aid in matching student need to specific acquisition and fluency practices



---

# 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



---

# CBMmath Automaticity

- Timed (4 min), computer-based assessment
- Basic Math Facts (+, -, x, ÷)
- Grades 1-3, currently normed through Grade 6
- Screening & Progress Monitoring
- General Outcomes Measure (GOM) & single skill subtests
- Score = items correct per 10 min interval

# CBMmath Automaticity Subtests

CBMath Automaticity	Sub Skills
Grade 1	1x1 Addition to 10 1x2 Addition to 20 1x1 Subtraction from 10 Addition and Subtraction to/from 10 Addition and Subtraction to/from 20
Grade 2	2x1 Addition to 100 2x2 Additional to 100 2x1 Subtraction from 100 2x2 Subtraction from 100 Addition/Subtraction to/from 100
Grade 3	Multiplication to 12 (Fact Families 1-12) 2x1 Division from 100 Multiplication and Division Multiplication and Division

# Standardization





---

# Standardization

Includes:

- Directions on administration
- What can be said and what should not be said
- Materials that are allowed
- Expectations for taking the test
- Timing guidelines
- Scoring guidelines



---

# Calculators and Scrap Paper

## Testing

- An adult (or the student) clicks on the name or icon to begin.
- Directions begin to play automatically.
- There are 2 practice items.
- **Students cannot use paper and pencil or calculators when completing CBMmath Automaticity.**
- Congratulations page appears when student is finished.
- If the test is interrupted and shut down, the student's answers will not be saved. The student will need to retake the entire test.

# More questions?

## Special Accommodations



Peter Paige

Updated 19 hours ago

Follow

FastBridge™ 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.



# Getting Started



Testing requires:

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

# Accessing the Test

SPECIALIST  
FastBridge Training District

VIEW AS:  
Select View

TEACHER VIEW:

- Luceno Elementary School
- ONE
- Sandbox, Kendra

Go

<b>FASTtrack</b>	☰
<b>FASTtrack Reading</b>	∨
01 FASTtrack Reading	
<b>FASTtrack Math</b>	∨
01 FASTtrack Math	
<b>ALL ASSESSMENTS</b>	☰
<b>aReading</b>	>
<b>AUTOreading</b>	>
<b>CBMreading</b>	>
<b>earlyReading</b>	>
<b>aMath</b>	>
<b>CBMmath Automaticity</b>	∨
01-CBMMathAutomaticit...	
<b>CBMmath Process</b>	>



---

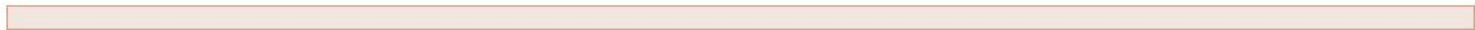
# Taking the Assessment





Welcome Kristen Pierce!

Start Practice





CBMmath Automaticity - Level 1 GOM

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

- 0 1 2 3 4 5 6 7 8 9



CBMmath Automaticity - Level 1 GOM

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9



CBMmath Automaticity - Level 1 GOM

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9




CBMmath Automaticity - Level 1 GOM

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9



---

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$


**Not allowed:**  
Paper and pencil  
Calculators

Exit Test



Time Up! Great job.

Scores submitted successfully.



01-CBMMathAutomaticity-2019 - S12

- Group Screening Report
  Individual Skills Report
  Individual Benchmark Report

Student Name		AUTO L1	ADD_SUBS_10	ADD_SUBS_20
<input type="checkbox"/>	Anderson, Alejandro	28 38%	269 73%	28%
<input type="checkbox"/>	Avery, Colby	175 100%	100%	100%
<input type="checkbox"/>	Bradach, Roshan	15 67%	218 97%	40%
<input type="checkbox"/>	Brinson, Jafet	247 100%	100%	100%
<input type="checkbox"/>	Collison, Noah	119 100%	100%	100%
<input type="checkbox"/>	Karp, Alec	194 100%	100%	100%
<input type="checkbox"/>	La Morte, Puraav	132 100%	100%	100%
<input type="checkbox"/>	Magner, Zemorion	257 100%	100%	100%
<input type="checkbox"/>	Mcclellan, Ethan			
<input type="checkbox"/>	Powers, Shayla	142 87%	100%	83%
<input type="checkbox"/>	Seybert, Thomas			
<input type="checkbox"/>	Tummala, Omar			

01-CBMMathAutomaticity-2019 - S12

- Group Screening Report
  Individual Skills Report
  Individual Benchmark Report

Student Name	AUTO L1	ADD_SUBS_10	ADD_SUBS_20
<input type="checkbox"/> Anderson, Alejandro	28 38%	269 73%	28%
<input type="checkbox"/> Avery, Colby	175 100%	100%	100%
<input type="checkbox"/> Bradach, Roshan	15 67%	218 97%	40%
<input type="checkbox"/> Brinson, Jafet	247 100%	100%	100%
<input type="checkbox"/> Collison, Noah	119 100%	100%	100%
<input type="checkbox"/> Karp, Alec	194 100%	100%	100%
<input type="checkbox"/> La Morte, Puraav	132 100%	100%	100%
<input type="checkbox"/> Magner, Zemorion	257 100%	100%	100%
<input type="checkbox"/> Mcclellan, Ethan			
<input type="checkbox"/> Powers, Shayla	142 87%	100%	83%
<input type="checkbox"/> Seybert, Thomas			
<input type="checkbox"/> Tummala, Omar			





01-CBMMathAutomaticity-2019 - S12

- Group Screening Report
  Individual Skills Report
  Individual Benchmark Report

Student Name	AUTO L1	ADD_SUBS_10	ADD_SUBS_20
<input type="checkbox"/> Anderson, Alejandro	28 38%	269 73%	28%
<input type="checkbox"/> Avery, Colby	175 100%	100%	100%
<input type="checkbox"/> Bradach, Roshan	15 67%	218 97%	40%
<input type="checkbox"/> Brinson, Jafet	247 100%	100%	100%
<input type="checkbox"/> Collison, Noah	119 100%	100%	100%
<input type="checkbox"/> Karp, Alec	194 100%	100%	100%
<input type="checkbox"/> La Morte, Puraav	132 100%	100%	100%
<input type="checkbox"/> Magner, Zemorion	257 100%	100%	100%
<input type="checkbox"/> Mcclellan, Ethan			
<input type="checkbox"/> Powers, Shayla	142 87%	100%	83%
<input type="checkbox"/> Seybert, Thomas			
<input type="checkbox"/> Tummala, Omar			





## Individual Skills Report



### 1. Select Assessment

- aReading
- CBMR-English
- CBMR-Spanish
- Early Reading English
- Early Reading Spanish
- SAEBRS Student
- SAEBRS Teacher
- aMath
- CBMMATH Process
- Early Math
- CBMmath CAP
- CBMMATH Automaticity
- Developmental Milestones

### 2. Select Grade or Class

- Grade wide
- Grade : 01 - Sandbox, Kendra

### 3. Select Interval

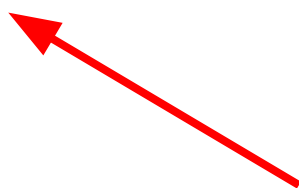
- Fall
- Winter
- Spring

Cancel

Generate Report



AUTO L1 GOM	Items Correct / Total	Accuracy
AUTO L1 GOM	29 / 30	97%
1x1 Add to 18	6 / 6	100%
Add to 20	5 / 6	83%
1x1 Subs from 10	6 / 6	100%
2x1 Subs from 20	6 / 6	100%
Add and Subs to* 10	12 / 12	100%
Add and Subs to* 20	17 / 18	94%
1x1 Add to 10	6 / 6	100%
<b>Total Single Skill</b>	<b>29 / 30</b>	<b>97%</b>



**GOM** General Outcome Measure, is a recommended assessment per grade level.  
 \* The skills, items, and errors counted in this category overlap with those in other listed categories.

**AUTO L1 GOM**

\*Information has been disabled by your district manager.

**30**  
Items Answered

**29**  
Items Correct

**97%**  
Accuracy

**163**  
Correct per 10 mins  
(extrapolated)

N/A  
Class %ile

N/A  
School %ile

N/A  
District %ile

Items And Student's Responses:

2 + 8 10	3+0 3	1 + 6 7	6+2 8	2 - 2 0	0 + 3 3	6 - 1 5	9 - 3 6	5 + 2 7	1 + 4 5
-------------	----------	------------	----------	------------	------------	------------	------------	------------	------------

## AUTO L1 GOM

\*Information has been disabled by your district manager.

<p><b>30</b> Items Answered</p>	<p><b>29</b> Items Correct</p>	<p><b>97%</b> Accuracy</p>	<p><b>163</b> Correct per 10 mins (extrapolated)</p>	<p>N/A Class %ile</p>	<p>N/A School %ile</p>	<p>N/A District %ile</p>
-------------------------------------	------------------------------------	--------------------------------	--	---------------------------	----------------------------	------------------------------

### Items And Student's Responses:

2 + 8 10	3+0 3	1 + 6 7	6+2 8	2 - 2 0	0 + 3 3	6 - 1 5	9 - 3 6	5 + 2 7	1 + 4 5
16 + 4 29	8 - 7 1	11 + 5 16	13 + 4 17	9 - 1 8	17 - 4 13	5 + 5 10	17 - 5 12	8 + 5 13	10 - 2 8
6 - 4 2	4 + 9 13	1 + 1 2	12 + 3 15	2 + 7 9	11 - 1 10	16 - 2 14	2 + 5 7	10 + 4 14	16 - 5 11

## AUTO LI GOM

\*Information has been disabled by your district manager.

<p><b>30</b> Items Answered</p>	<p><b>29</b> Items Correct</p>	<p><b>97%</b> Accuracy</p>	<p><b>163</b> Correct per 10 mins (extrapolated)</p>	<p>N/A Class %ile</p>	<p>N/A School %ile</p>	<p>N/A District %ile</p>
-------------------------------------	------------------------------------	--------------------------------	--	---------------------------	----------------------------	------------------------------

Items And Student's Responses:

2 + 8 10	3+0 3	1 + 6 7	6+2 8	2 - 2 0	0 + 3 3	6 - 1 5	9 - 3 6	5 + 2 7	1 + 4 5
16 + 4 29	8 - 7 1	11 + 5 16	13 + 4 17	9 - 1 8	17 - 4 13	5 + 5 10	17 - 5 12	8 + 5 13	10 - 2 8
6 - 4 2	4 + 9 13	1 + 1 2	12 + 3 15	2 + 7 9	11 - 1 10	16 - 2 14	2 + 5 7	10 + 4 14	16 - 5 11

Screening & Problem Identification

Group Screening Report

Table with columns: Student Name, Fall, Winter, Spring, End of Year, Summer, aReading, aMath, CBMMATH Automaticity, CBMR-English, CBMR-Spanish, Early Reading Spanish, AUTOreading, Early Reading English, Early Reading Spanish, SAEBRs Teacher, SAEBRs Student.

Group Growth Report

Table with columns: Student Name, Fall, Winter, Spring, End of Year, Summer, aReading, aMath, CBMMATH Automaticity, CBMR-English, CBMR-Spanish, Early Reading Spanish, AUTOreading, Early Reading English, Early Reading Spanish, SAEBRs Teacher, SAEBRs Student.

- aReading
AUTOreading
CBMR-English
CBMR-Spanish
Comprehension Efficiency
Early Reading English
Early Reading Spanish
SAEBRs Teacher
SAEBRs Student

- aMath
CBMMATH Automaticity
aMath
CBMMATH Process
Early Math
Early Reading English

Screening To Intervention

Whole Group Instruction / Small Group Instruction interface showing student lists and intervention options.

Impact Report

Table showing Students by risk levels (%) for Fall, Late Fall, and Winter across various subjects.

Analysis & Planning

Individual Skills Report

Individual Skills Report for Patty Jensen showing a score of 543 (low risk) and Concepts of Print (COP) mastered skills.

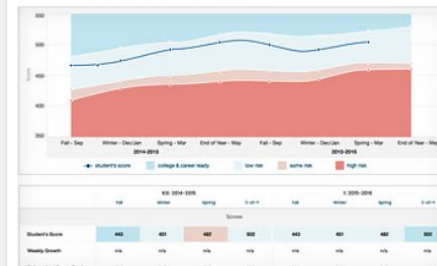
- aReading
CBMR-English
CBMR-Spanish
Early Reading Spanish
Early Reading English
SAEBRs Student
SAEBRs Teacher

Group Skills Report

Group Skills Report grid showing scores for students across various skills.

Intervention & Monitoring

Individual Benchmark Report



- aReading
CBMR-English
CBMR-Spanish
Early Reading Spanish
Early Reading English

Family Report

Family Report interface with charts and text explaining student performance and intervention goals.

Progress Monitoring Report

# Group Skills Report

Student	Accuracy %	Correct / Total	# Errors	Item	Correct / Incorrect
Ames, S.	33%	40 / 120	12	1	✓
Baker, A.	31%	40 / 128	11	1	✓
Balford, D.	30%	26 / 88	9	1	✓
Barrett, L.	27%	46 / 170	9	1	✓
Briggs, R.	26%	47 / 180	6	1	✓
Cook, L.	43%	58 / 135	8	1	✓
Corbett, E.	40%	58 / 145	7	1	✓
Castillo, T.	47%	59 / 125	5	1	✓
Clewis, T.	35%	60 / 170	6	1	✓
Down, B.	39%	47 / 120	6	1	✓
East, J.	43%	55 / 128	6	1	✓
Fisher, T.	49%	56 / 115	6	1	✓

- + AUTOREADING
- + CBM Comprehension
- + Early Reading - English
- + Early Reading - Spanish
- CBMMATH Automaticity
- CBMMATH Process
- CBMmath CAP
- + CBMmath CAP Mastery
- + Early Math















---

# Troubleshooting Issues



# Pausing a Test

CBMmath Automaticity - Level 1 GOM

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

0 1 2 3 4 5 6 7 8 9

# Finding Benchmark Thresholds

Knowledge Base   Submit a Request   Blog   **SPECIALIST** FastBridge Training District   VIEW AS: Casey, Connor

FastBridge   **Teacher**   **Training & Resources**   Screening   Progress Monitoring   Reporting

RESOURCES   **FASTBRIDGE ASSESSMENTS**   INSTRUCTION & INTERVENTION   FASTFLIX   GETTING STARTED

## RESOURCES

**FAST Reading**

**earlyReading**  
earlyReading (assessment for early primary grades)  
Download resources  
Learn more about earlyReading

**CBMreading**  
Curriculum Based Measurement of Reading  
Download resources  
Learn more about CBMreading

**AUTOREADING**  
Reading Automatically  
No Resources to Download

**aReading**

**FAST Math**

**earlyMath**  
earlyMath (assessment for ea  
Download resources

**CBMmath Pro**  
CBMmath Pro  
Download resources

**CBMmath Aut**  
CBMmath Automatically  
No Resources to Download

**aMath**  
Abstract Assessment of Math  
Download resources

**Benchmark - aReading**

Grade	Meets	Risk Level	Full	Wide
K-1	Scaled Score	College Pathway	>= 404.0	>= 424
		Some Risk	< 387.0	< 417
		High Risk	< 373.0	< 381
ONE	Scaled Score	College Pathway	>= 427.0	>= 427
		Some Risk	< 430.0	< 434
		High Risk	< 410.0	< 442
TWO	Scaled Score	College Pathway	>= 483.0	>= 488
		Some Risk	< 489.0	< 481
		High Risk	< 480.0	< 470
THREE	Scaled Score	College Pathway	>= 501.0	>= 500
		Some Risk	< 487.0	< 487
		High Risk	< 470.0	< 468

**Benchmarks & Norms**





# Finding Benchmark Thresholds

Knowledge Base   Submit a Request   Blog   **SPECIALIST** FastBridge Training District   VIEW AS: Casey, Connor

FastBridge   Teacher   **Training & Resources**   Screening   Progress Monitoring   Reporting

RESOURCES   FASTBRIDGE ASSESSMENTS   INSTRUCTION & INTERVENTION   FASTFLIX   GETTING STARTED

## RESOURCES

**FAST Reading**

**earlyReading**  
earlyReading (assessment for early primary grades)  
Download resources  
Learn more about earlyReading

**CBMreading**  
Curriculum Based Measurement of Reading  
Download resources  
Learn more about CBMreading

**AUTOREADING**  
Reading Automatically  
No Resources to Download

**aReading**  
At-Risk Assessment of Reading  
Download resources

**FAST Math**

**earlyMath**  
earlyMath (assessment for early primary grades)  
Download resources

**CBMmath Pro**  
CBMmath Pro  
Download resources

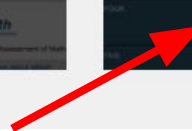
**CBMmath Aut**  
CBMmath Automatically  
No Resources to Download

**aMath**  
At-Risk Assessment of Math  
Download resources

**Benchmark - aReading**

Grade	Meets	Risk Level	Full	Write
K-1	Scaled Score	College Pathway	>= 404.0	>= 424
		Some Risk	< 387.0	< 417
		High Risk	< 373.0	< 381
ONE	Scaled Score	College Pathway	>= 427.0	>= 427
		Some Risk	< 430.0	< 434
		High Risk	< 410.0	< 442
TWO	Scaled Score	College Pathway	>= 483.0	>= 488
		Some Risk	< 489.0	< 481
		High Risk	< 480.0	< 470
THREE	Scaled Score	College Pathway	>= 507.0	>= 500
		Some Risk	< 487.0	< 487
		High Risk	< 470.0	< 468
FOUR	Scaled Score	College Pathway	>= 523.0	>= 520
		Some Risk	< 503.0	< 500
		High Risk	< 490.0	< 488
FIVE	Scaled Score	College Pathway	>= 533.0	>= 530
		Some Risk	< 513.0	< 510
		High Risk	< 500.0	< 498

**Benchmarks & Norms**



# Finding Benchmark Thresholds

FastBridge

Teacher Training & Resources Screening Progress Monitoring Reporting

Benchmarks and Norms

Download Use & Interpretation Guidelines

Benchmarks [-] Norms [+]

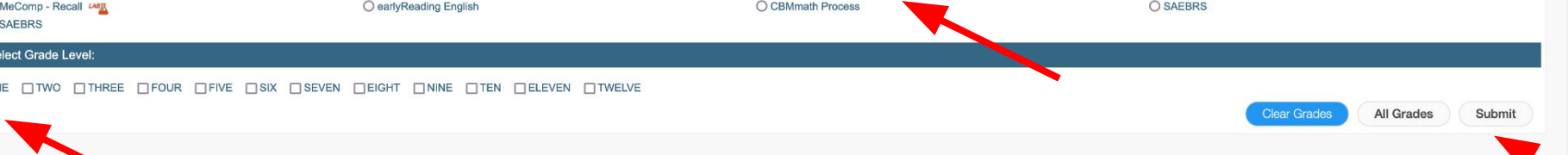
1. Select Assessment:

<input type="radio"/> aReading	<input type="radio"/> CBMeComp - Question <small>LARGE</small>	<input type="radio"/> earlyReading Spanish	<input type="radio"/> CBMmath CAP
<input type="radio"/> AUTOreading	<input type="radio"/> CBMreading Spanish	<input type="radio"/> aMath	<input type="radio"/> earlyMath
<input type="radio"/> CBMreading English	<input type="radio"/> COMPefficency	<input checked="" type="radio"/> CBMmath Automaticity	<input type="radio"/> devMilestones
<input type="radio"/> CBMeComp - Recall <small>LARGE</small>	<input type="radio"/> earlyReading English	<input type="radio"/> CBMmath Process	<input type="radio"/> SAEBRs
<input type="radio"/> mySAEBRS			

2. Select Grade Level:

ONE  TWO  THREE  FOUR  FIVE  SIX  SEVEN  EIGHT  NINE  TEN  ELEVEN  TWELVE

Clear Grades All Grades Submit



---

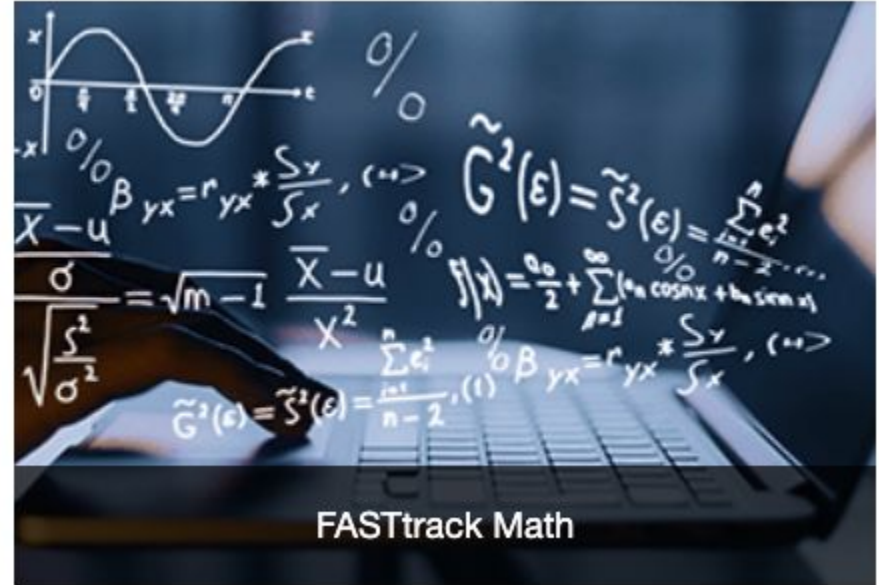
# Finding Benchmark Thresholds

Benchmark - CBMMATH Automaticity

Grade	Metric	Risk Level	Fall	Winter	Spring
ONE	Rate(per 10 min)	Some Risk High Risk	< 10.0 < 2.0	< 28.0 < 15.0	< 38.0 < 20.0

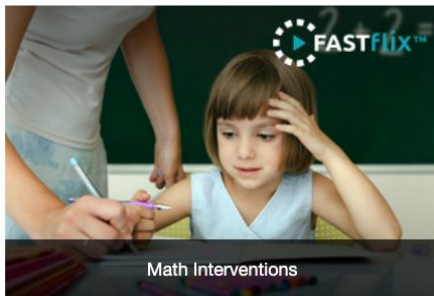
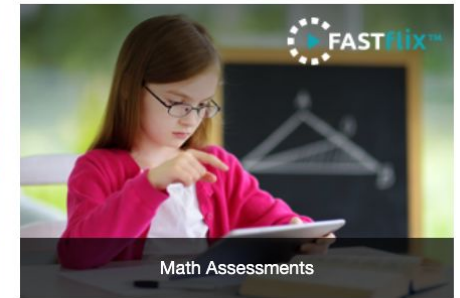
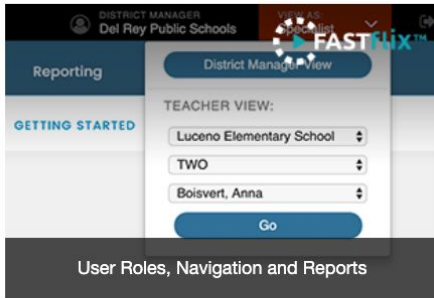


# Want more information?



# Want more information?

## FASTFLIX



---

# Want more information?



---

[www.ksdetasn.org/mtss](http://www.ksdetasn.org/mtss)

