Committed to World-Class



Opportunities and Possibilities

Star 360: What is it, why and how we use it, and interpreting your student's report

Parent Academy September 26, 2020

Andrea Pritchett, Director of Curriculum and Instruction Charlene McGlockling, Reading Coach



RCPS: Vision & Mission

The **Vision** of RCPS is to be a world-class learning community where all students graduate college and career ready in a progressive and interconnected society.

The *Mission* of RCPS is to ensure student success for all through a world-class education with advanced opportunities and personalized support.



Are students learning?

The only way to know whether learning is taking place is to measure it. By doing so, we are able to:

Provide	students with the appropriate level of instruction.
Identify	students who need additional assistance and enrichment.
Analyze	problems occurring within grades or classes, set learning goals, and make plans for meeting those goals.
Determine	whether the instruction and interventions provided are effective.





- •What are Star Assessments and what do they measure?
- •Why do we utilize Star assessments?
- •How long does it take to complete a Star assessment?
- •What are the questions like?
- •What kind of scored does your child receive?
- •How are the results used?
- •How will you know how your child is performing?
- •What are some resources available for me to use as a parent?

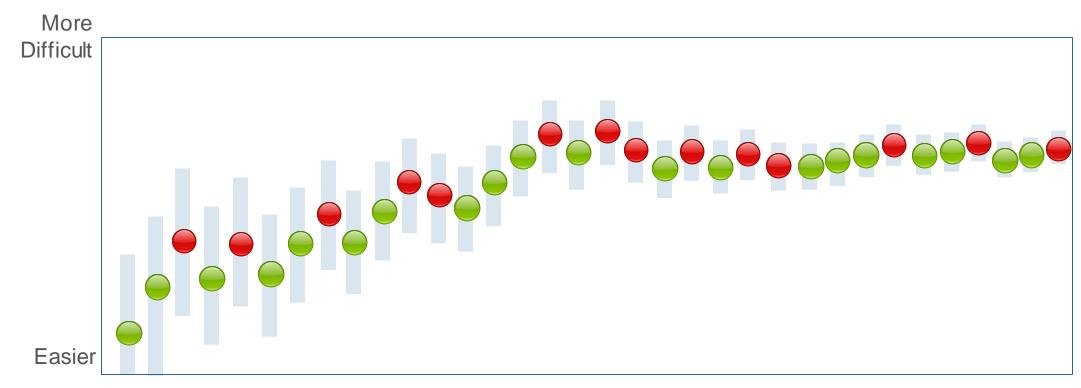


What are Star Assessments?

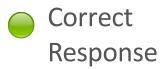
- •Star assessments are:
 - short tests that provide teachers with data about learning early literacy skills, reading, and math.
 - computer-adaptive tests, which means they adjust to each answer your child provides
 - If your child answers a question correctly, the next one is more difficult.
 - If he or she answers incorrectly, the next one is easier.
 - Provides educators with quick and accurate estimates of developed skills
- •STAR assessments are used for screening and progress-monitoring.
- •Star assessments are rated as accurate, reliable, and valid by the National Center on Response to Intervention.



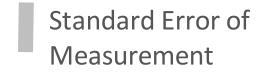
How does computer-adaptive testing work?



Items answered by a student









What does each assessment measure?



Grades 1–12
Also for students in kindergarten who have basic reading skills

Word Knowledge and Skills
Comprehension Strategies and
Constructing Meaning
Analyzing Literary Text
Understanding Author's Craft
Analyzing Argument and
Evaluating Text



Grades 1–12
Also for students in kindergarten who have basic reading and math skills

Numbers
Operations
Algebra
Geometry
Measurement
Data Analysis, Statistics,
and Probability



Pre-K-grade 3
For beginning readers who do not yet read independently or need early literacy skills assessed

Alphabetic Principle
Concept of Word
Visual Discrimination
Phonemic Awareness
Phonics
Structural Analysis
Vocabulary
Sentence-Level Comprehension
Paragraph-Level Comprehension
Early Numeracy



Why do we utilize Star Assessments?

- •Identify which students are reaching expected benchmarks and which need intervention.
- •Identify what skills students are ready to learn.
- •Helps to design instruction for students at all levels.
- •Monitor growth within the school year and year-to-year.
- •Gives teachers an early warning of which students may be at risk of not meeting proficiency requirements.
- •Helps to identify trends, patterns, and effectiveness across the district.
- Forecasting state test proficiency.





STAR assessments are designed to be as efficient as possible.



Students should be able to complete test in about 15-20 minutes.



Students with an Individual Education Plan (IEP) are provided more time if required.

How long does it take to complete a Star assessment?



How will students' results be used?

- Star results are used for one or more of the following reasons:
 - measuring your child's general achievement in reading, math, or early literacy.
 - identifying what skills he or she is ready to learn.
 - helping plan instructional support activities.
 - tracking his or her progress toward academic targets.
 - estimating his or her <u>proficiency</u> on state tests.
 - estimating his or her <u>mastery</u> of standards.

How often is Star administered?

Screening	Progress Monitoring
 All K-12 Students; 4 times a year Testing windows are set for the entire district August 24- September 18 November 30-December 11 March 1- 12 May 17-June 10 	 Given to groups of students who are performing below grade level standards As often as every 3 to 4 weeks Used to help show if the instructional intervention is helping students to show academic growth

Each test takes approximately 15-20 minutes



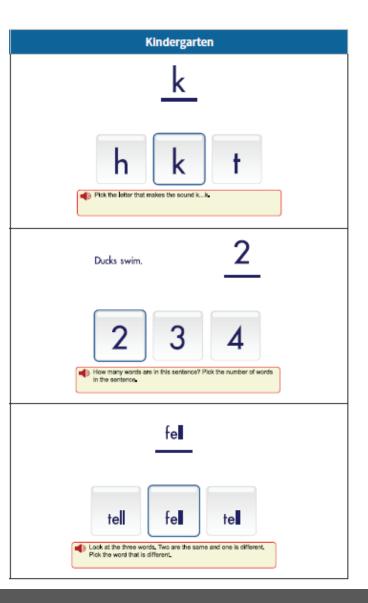
What are the questions like?

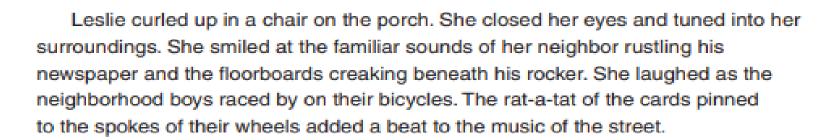
Star Reading-Download sample items Star Math-Download sample items Star Early
LiteracyDownload sample
items

Video: Administering Star Assessments Remotely

Sample items

Domain Alphabetic Principle Covers knowledge of the names and sounds associated with printed letters; the ability to match upper- and lowercase letters; knowledge of alphabetic sequence; and ability to recognize letter sounds. Concept of Word Covers knowledge of the concepts about print: word length, word borders; distinguishing words from letters. Visual Discrimination (VS) Focuses on the ability to match or discriminate visually presented symbols; included symbols are upper- and lowercase letters; also included is the ability to distinguish differences in words.





Kenneth Dukes

How does the author's use of sensory detail affect the story?

- The sounds help the reader imagine the neighborhood.
- The music is too loud and bothers Leslie.
- The creaking noises give it a mysterious mood.



Domain

Phonemic Awareness

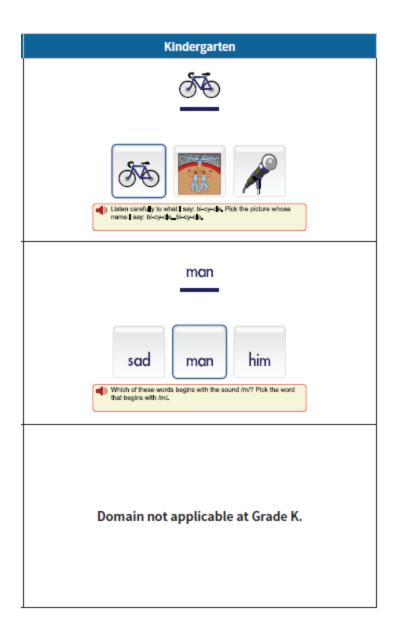
Covers the understanding of rhyming words; ability to blend and segment words, word parts, and phonemes; ability to discriminate between sounds, and the ability to identify manipulate phonemes.

Phonics

Covers the understanding of long vowels, short vowels, beginning and ending consonants, consonant and vowel replacement, word families (onset and rime), consonant blends, clusters and digraphs; ability to understand the sound-symbol correspondence in vowels and consonants.

Structural Analysis

Deals with the understanding of the structure and relationship of words and word parts. Structural analysis includes understanding the meaning of affixes, principles of syllabification, and identifying and decoding compound words.



Math Example

A baseball team is using a pitching machine for batting practice. The table shows the number of balls the machine can pitch over time.

Number of Pitches, p	24	48	72	96	120	144
Number of Minutes	3	6	9	12	15	18

Which expression can be used to find the number of minutes it takes the machine to pitch *p* balls?

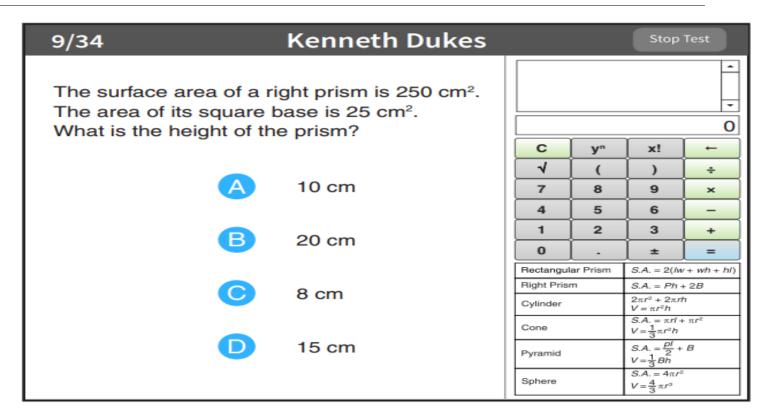


- Ist I2th grade
- Audio support for students in grade I
- 34 items
- Assess skills within four major domains of mathematics
 - Numbers and operations
 - Algebra
 - Geometry and measurement
 - Data analytics, statistics, and probability



Use of calculator

Some algebra and geometry questions will have an on-screen calculator and an on-screen formula reference sheet that you can use to answer the questions.



Student will click or tap the calculator buttons or press the keys on the keyboard to use the calculator. Use the scrollbar on the formula reference sheet to move up and down within it.



What kind of score does your child receive?

Scaled Score (SS)

Star Reading & Star Math range from 0 - 1400 Star Early Literacy range from 300-900

The Scaled Score is based on the difficulty of the questions and the number of correct answers.

Scaled Scores are useful for comparing your child's performance over time and across grade levels.

The Scaled Score is not a pass or fail grade. This score is used to plan instruction.

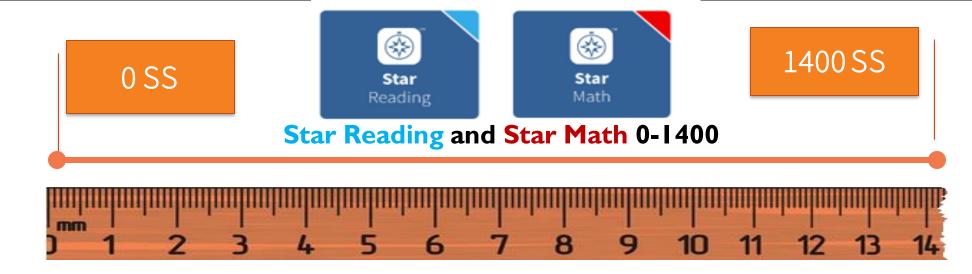


What kind of scores does your child receive?

- The **Percentile Rank** score compares your child's test performance with that of other students across the country in the same grade.
- •For example, with a **PR of 50**, your child's math skills are greater than 50% of students nationally in the same grade.
- The **PR Range** indicates that, if your child had taken the STAR test numerous times, most of his/her scores would likely have fallen within this range.



Scaled Score







How will you know how your child is doing?

- Your child's teacher will share results from the Star assessments through various reports.
- Your child's teacher may also share ways that you can help strengthen skills that are measured by Star tests.



Star Reading Parent Report

School Teac	ner Class	Grade Test Date		
	eading computer-adap	tive reading test. This report sun e only one picture of how your o		any test, many factors can affect a student's scores. It is
Below Average	,=		Average (50)	Above Average
936 Scaled Score		Score is based on the difficulty	of questions and the number of correct respons	es. The Enterprise scale has a range of 0-1400.
34 Percentile Rank			nationally in the same grade. This score is at avers would likely have been between 26 - 44.	erage. The PR Range indicates that, if had taken the
8.2 Instructional Reading Level	IRL is the grade leve 8.2, meaning he/she		80% proficient recognizing words and comprel ding eighth grade level materials.	nending reading materials. achieved an IRL score of
1105L - 1255L Lexile® Range			ropriately challenging for reading practice. ess at any reading level depends on your child's	should be selecting books in this range for optimal interest and prior knowledge of a book's content.
I will be using these Star Readi recommendations, please con			er reading skills for reading practice at school. I	f you have any questions about your child's scores or these
Teacher Signature		Date	Parent Signature	Date



Star Reading Parent Report

	School Teach	er Class Grade	e Test Date	Test Information	
	Dear Parent or Guardian of has taken a Star Re important to understand that t	eading computer-adaptive read	ne picture of how your child is		test, many factors can affect a student's scores. It is
	Below Average	, -	PR Range 34 26–44	Average (50)	Above Average
Scaled Score is the most useful information Decisions for instruction are based on the Scaled Score. Percentile rank is a norm-reference score	936 Scaled Score	Score is	based on the difficulty of que	stions and the number of correct responses.	The Enterprise scale has a range of 0-1400.
that provides a measure of a student's reading ability compared to other students in the same grade nationally. (ranges from 1-99)	34 Percentile Rank			ally in the same grade. This score is at averaged likely have been between 26 - 44.	ge. The PR Range indicates that, if had taken the
Instructional Reading Level indicates the highest reading level at which a student is 80 percent proficient at comprehending	8.2 Instructional Reading Level	IRL is the grade level at which 8.2, meaning he/she is at least		roficient recognizing words and comprehendighth grade level materials.	ding reading materials. achieved an IRL score of
material with assistance. Lexile measures reading ability	1105L - 1255L Lexile® Range			tely challenging for reading practice. any reading level depends on your child's inte	should be selecting books in this range for optimal erest and prior knowledge of a book's content.
	I will be using these Star Readii recommendations, please cont	The second secon	further develop his/her read	ling skills for reading practice at school. If yo	u have any questions about your child's scores or these
	Teacher Signature		Date	Parent Signature	Date



Star Reading Scale Score Benchmark Expectations

936

Scaled Score

34 Percentile Rank

8.2

Instructional Reading Level

1105L - 1255L Lexile® Range

Grade	Beginning Learner	Developing Learner	Proficient Learner	☐ Distinguished Learner	1105L Lexile
Grade 1	Below 95 SS	95-187 SS	188-301 SS	At/Above 302 SS	
Grade 2	Below 244 SS	244-363 SS	364-490 SS	At/Above 491 SS	
Grade 3	Below 346 SS	346-478 SS	479-640 SS	At/Above 641 SS	
Grade 4	Below 401 SS	401-563 SS	564-843 SS	At/Above 844 SS	
Grade 5	Below 463 SS	463-639 SS	640-994 SS	At/Above 995 SS	
Grade 6	Below 518 SS	518-721 SS	722-1164 SS	At/Above 1165 SS	
Grade 7	Below 563 SS	563-837 SS	838-1296 SS	At/Above 1297 SS	
Grade 8	Below 566 SS	566-905 SS	906-1312 SS	At/Above 1313 SS	
Grade 9	Below 637 SS	637-970 SS	971-1321 SS	At/Above 1322 SS	
Grade 10	Below 649 SS	649-1030 SS	1031-1329 SS	At/Above 1330 SS	
Grade 11	Below 683 SS	683-1090 SS	1091-1335 SS	At/Above 1336 SS	
Grade 12	Below 717 SS	717-1164 SS	1165-1342 SS	At/Above 1343 SS	



Lexile Targets

Grade	College & Career Ready "Stretch" Lexile Bands
1	190L to 530L
2	420L to 650L
3	520L to 820L
4	740L to 940L
5	830L to 1010L
6	925L to 1070L
7	970L to 1120L
8	1010L to 1185L
9	1050L to 1260L
10	1080L to 1335L
11 and 12	1185L to 1385L

- Matches a student's reading ability with difficulty of text material
- Interpreted as the level of book that a student can read with 75% comprehension
- 75% comprehension is the level identified by experts as offering the reader a certain amount of comfort and yet still offering a challenge

Jobs and Careers related to Lexile Measures

What are the reading demands of the post-secondary world according to Lexile Measures?

Entry-level Occupational Reading Materials - Career Clusters (Daggett, 2003):

•	Agriculture/Natural resources	(1270-1510)
•	Architecture/Construction	(1210-1340L)
•	Arts/AV Technology/Communications	(1100-1190L)
•	Business and Administration	(1210 - 1310L)
•	Education and Training	(1320-1370L)
•	Health Science	(1260-1300L)
•	Hospitality and Tourism	(1230-1260L)
•	Human Services	(1050-1200L)
•	Law and Public Safety	(1420-1740L)
•	Manufacturing	(1200-1310L)
•	Retail/Wholesale Sales and Service	(1180-1270L)
•	Scientific Research/Engineering	(1190-1250L)
•	Transportation, Distribution and Logistic	cs (1170-1350L)

The Lexile Scale



Richard Woods, Georgia's School Superintendent "Educating Georgia's Future"

- Lexiles typically range from 200 for beginning readers to 1700 for advanced readers.
- Lexile text below 200L represents beginning-reading material.
 - A student's Lexile score may have a number in the 100s or the code of BR (for Beginning Reader).
- Applies to both reader ability and text difficulty
 - When reader and text measures are the same, the student is expected to read with 75% comprehension.
- Can be used to track reading growth over time



Nancy Guinn Memorial Library

Register your child for a library card to receive access to thousands of books, videos and services through Georgia **PINES** Library System available at our local library.

https://conyersrockdalelibrary.org/

https://gapines.org/eg/opac/home





https://gapines.org/eg/opac/register



Star Math Parent Report

Schoo	ol Teacher	Class Grade	e Test Date	Test Information		
				d's scores on the test. As with any test, many	/ factors can affect a student's scores. It is importan	t to
	Below Average	1	Avera	ze (50)	PR Range 78 69-86	
Scaled Score is the most useful information. Decisions for instruction are based on the Scaled Score.	888 Scaled Score	Scaled Score is base		and the number of correct responses. The E		
centile rank is a norm- erence scorethat provides a asure of a student's reading lity compared to other	78	skills are higher that the Star Math test many times, m	•	he same grade. This score is above average have been between 69 - 86.	e. The PR Range indicates that, ifhad tak	ken
	pe using these Star Math tes nmendations, please contac		r develop his/her math skills for	math practice at school. If you have any qu	uestions about your child's scores or these	
Teach	ner Signature		Date	Parent Signature	Date	_



Star Math Scale Score Benchmark Expectations

888 Scaled Score

eu score

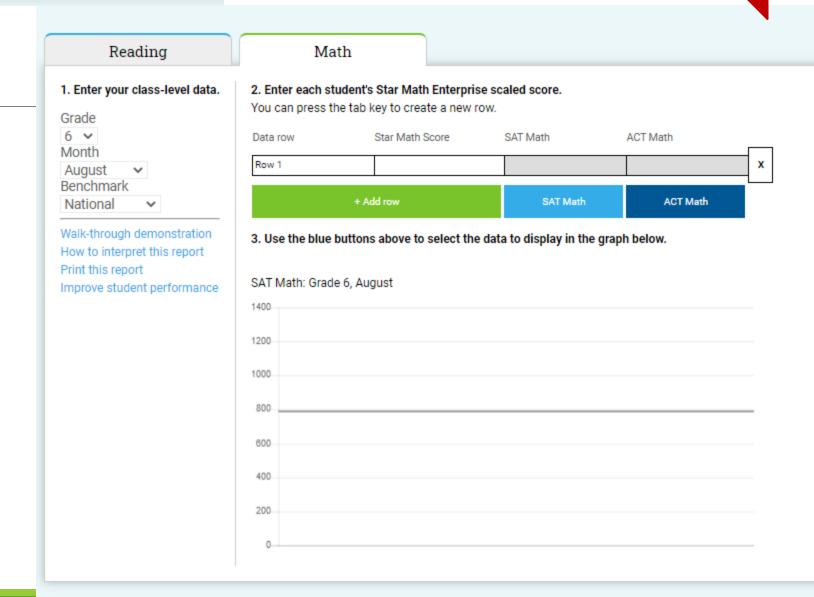
78
Percentile Rank

Grade	Beginning Learner	Developing Learner	Proficient Learner	☐ Distinguished Learner
Grade 1	Below 335 SS	335-442 SS	443-532 SS	At/Above 533 SS
Grade 2	Below 456 SS	456-553 SS	554-633 SS	At/Above 634 SS
Grade 3	Below 544 SS	544-643 SS	644-725 SS	At/Above 726 SS
Grade 4	Below 595 SS	595-706 SS	707-796 SS	At/Above 797 SS
Grade 5	Below 668 SS	668-778 SS	779-846 SS	At/Above 847 SS
Grade 6	Below 692 SS	692-810 SS	811-891 SS	At/Above 892 SS
Grade 7	Below 713 SS	713-831 SS	832-897 SS	At/Above 898 SS
Grade 8	Below 753 SS	753-866 SS	867-916 SS	At/Above 917 SS
Grade 9	Below 762 SS	762-869 SS	870-917 SS	At/Above 918 SS
Grade 10	Below 765 SS	765-872 SS	873-925 SS	At/Above 926 SS
Grade 11	Below 782 SS	782-889 SS	890-942 SS	At/Above 943 SS
Grade 12	Below 800 SS	800-901 SS	902-951 SS	At/Above 952 SS

RENAISSANCE*

STAR ACT/SAT Benchmark Tool

Click title to go to live site



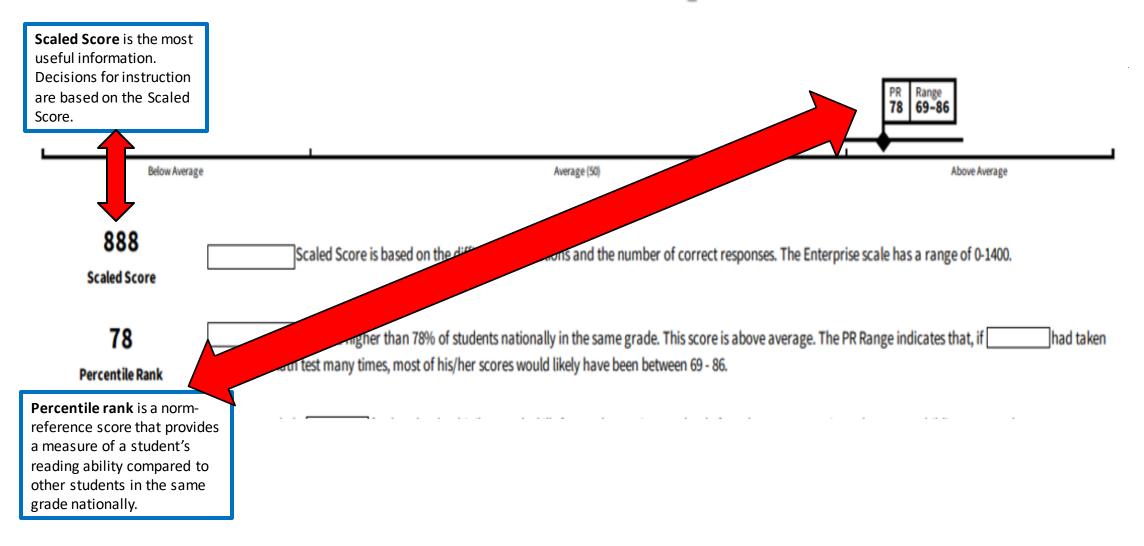


Star Math Parent Report

School	Teacher	Class	Grade Test Date		
Dear Parent or Guard	ian of				
			ath test. This report summarize e of how your child is doing in		ny factors can affect a student's scores. It is important to
				_	PR Range 69–86
Below /	Average	•		Average (50)	Above Average
888 Scaled Score		Scaled Sco	ore is based on the difficulty of	questions and the number of correct responses. The	Enterprise scale has a range of 0-1400.
78 Percentile Rank	the		-	tionally in the same grade. This score is above average would likely have been between 69 - 86.	ge. The PR Range indicates that, ifhad taken
I will be using these Star recommendations, pleas		-		th skills for math practice at school. If you have any	questions about your child's scores or these
Teacher Signature			Date	Parent Signature	Date

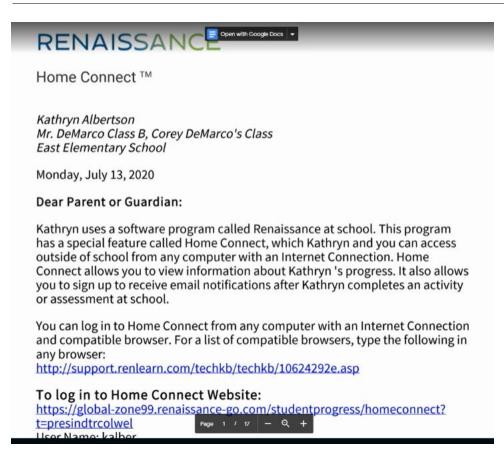


Star Math Parent Report





How will you receive your child's report?



The teacher or school will generate and send you a letter that contains your child's Renaissance information.

Use this information to log in and set up your **Home Connect** account.

RENAISSANCE HOME CONNECT VIDEO



Setting Up Home Connect Account

Email Notifications

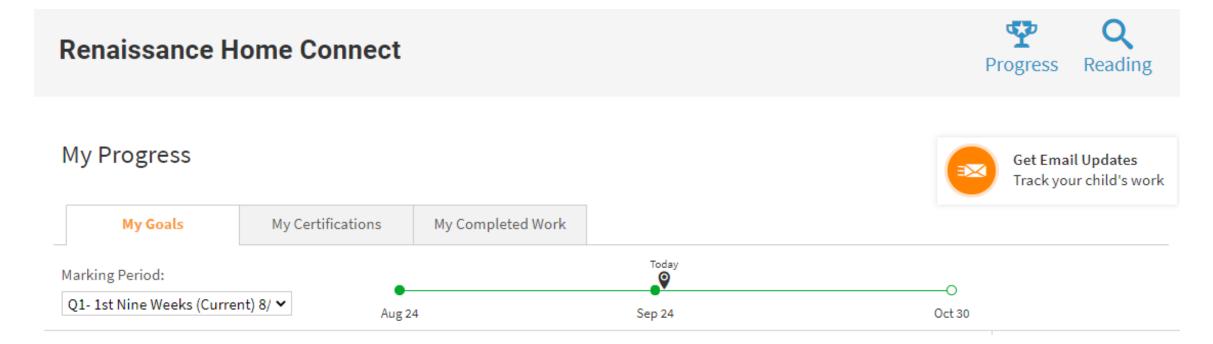
New Email Details		
Name		
First and Last Name		
Email Address to Receive Updates	Confirm Email Address	
example@domain.com	example@domain.com	



Email Notifications Preferences

Choose which assignments you would like to receive email updates for ☑ Star Early Literacy Assessment (English) — A test that measures students' early literacy skills in English ☐ Star Early Literacy Assessment (Spanish) — A test that measures students' early literacy skills in Spanish ✓ Star Math Assessment (English) — A test that measures students' math skills in English ☐ Star Math Assessment (Spanish) — A test that measures students' math skills in Spanish ✓ Star Reading Assessment (English) — A test that measures students' reading skills in English ☐ Star Reading Assessment (Spanish) — A test that measures students' reading skills in Spanish ☐ Star Custom — Brief tests on specific reading or math skills Accelerated Reader — Quizzes to show how well students understand the books they're reading

How will you receive your child's report?





How can I help my child with their Star Assessments?

The best way to help your child with Star Assessments is to help them understand why they are taking the test:

so their teacher knows exactly how to help them learn!

For anxious children, it may be important to tell them that they cannot fail a Star test—as long as they do their best, the data generated from the test will help their teacher teach them more great things!

To motivate your child to do their best, set goals after reviewing reports.



Resources

- Renaissance Learning's Parent Resources
- •Lexile Framework for Reading Parent Guide
- Lexile Find A Book
- Accelerated Reader Bookfind
- Parent's Guide to Star Assessments
- STAR ACT/SAT Benchmark Tool
- The Conyers Rockdale Library System
- Georgia PINES Library System Information Page
- Georgia PINES Library System Registration Page

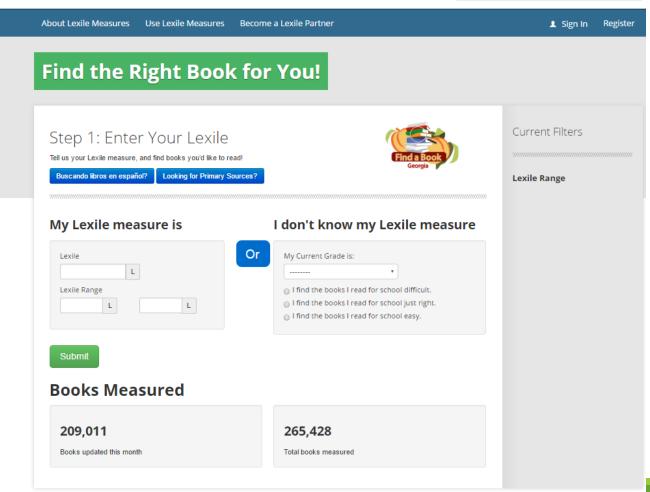
- Setting Up Home Connect
- Administering Star Assessments Remotely Family Guide
- •Star Reading Sample Items
- Star Math Sample Items
- •Star Math Sample Items



Accessing the Find A Book Tool

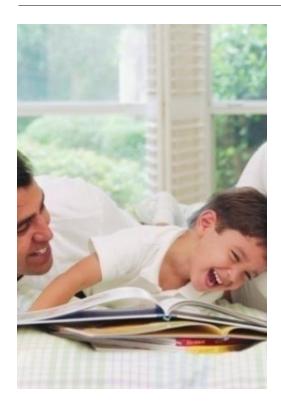
http://lexile.com/fab/GA







Parents Can Use Lexiles





Promotes family-school connections.

Know your child's Lexile measure.

Know your child's Lexile range.

 50L above and 100L below their reported Lexile measure. This range represents the boundaries between the easiest kind of reading material for your child and the hardest level at which he/she can read successfully.

Use the Lexile Find a Book Database (at http://lexile.com/fab/) to find books in the child's Lexile range.

Source: http://cdn.lexile.com/m/cms page media/135/Lexiles-at-Home 2.pdf





Parents Can Use Lexiles

- Ensure that your child reads every day.
- Parents should read to set a good example. Reading newspapers and magazines will show children that reading is a wonderful pastime as well as a window to the world of learning.
- Ask school or library for book lists within Lexile range.
- Student's interests should play a part in book selection.
- Visit public libraries often.
- Participate in summer reading programs.

Source: http://cdn.lexile.com/m/cms page media/135/Lexiles-at-Home 2.pdf



Parents Can Use Lexiles

When a reading assignment proves to be too difficult, provide adult-directed assistance:

- Review words and definitions from the glossary or dictionary.
- Review questions at the end of a chapter before child reads text.
- Pair-share read Parent and student alternate reading the text.
 Stop, discuss, and ask questions along the way to see that student understands.
- Return to end of chapter questions and glossary to make certain your child understands the material.

Celebrate your child's reading accomplishments.

- Set goals
 - number of books read
 - variety of books
 - stretch to books at higher Lexile



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Questions?



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Opportunities and Possibilities

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