



California Educational Research Association: Leveraging Lexile & Quantile Measures for Classroom Instruction

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November, 2023

Presenters



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Evan Bartelheim
Project Director, LACOE





Agenda

Introduction and Big Picture

*California Assessment of Student Performance and Progress;
TOMS; CERS; ICA*

Overview of Lexile & Quantile Measures

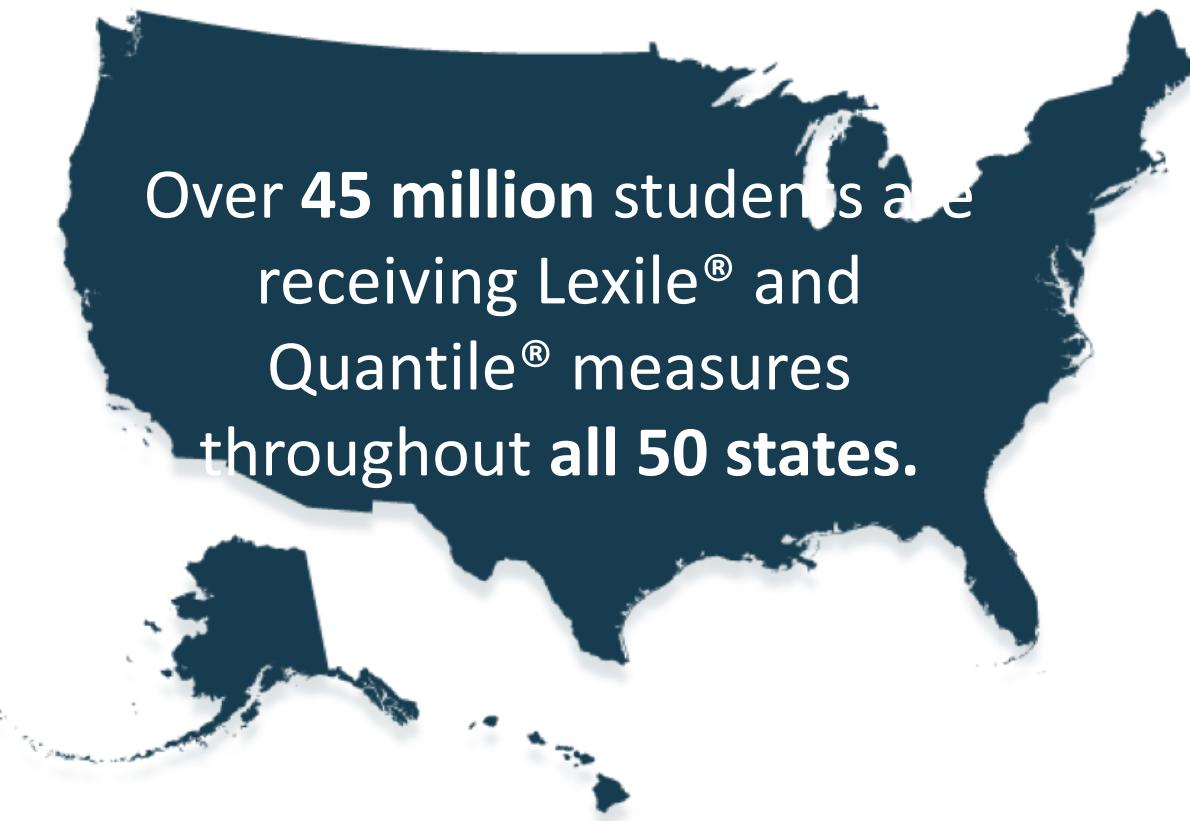
*Lexile Framework, Quantile Framework, Assessments Reporting
Measures*

Lexile/Quantile Tools & Resources – The Hub

*Access to the Hub, Lexile & Quantile Tools for Educators, Students,
and Parents*

Questions?

The Big Picture



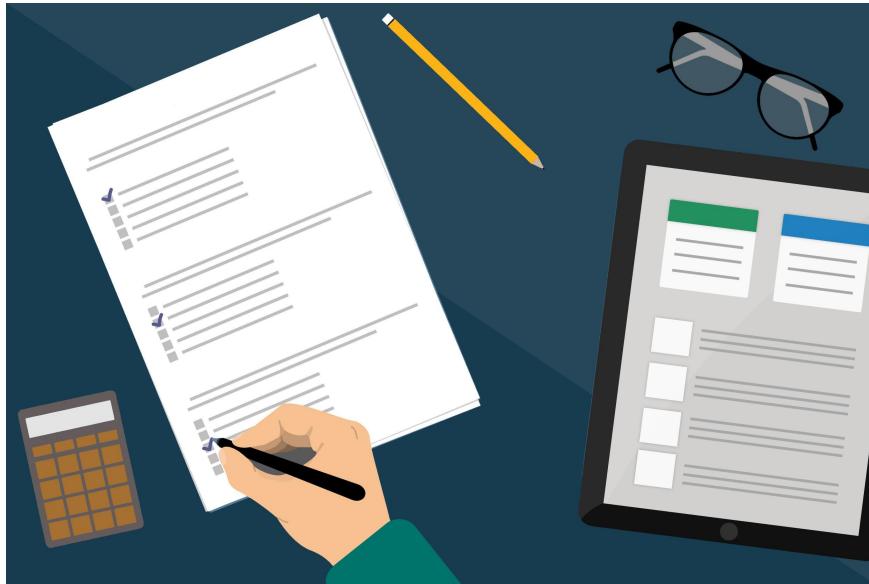
Over 45 million students are receiving Lexile® and Quantile® measures throughout all 50 states.

Reminder: Lexile & Quantile Measures

- Measure the difficulty of content
 - Reading
 - Mathematics
- Measure student ability level
- Reported in CERS
- Teacher resources accessed on the *Lexile & Quantile Hub*



The Big Picture



- Many different benchmark assessments report Lexile and Quantile measures.



Availability

Lexile and Quantile measures
are available from the California
Assessment of Student
Performance and Progress
(CAASPP) results.

Lexile® and Quantile® Measures Integrated

California Assessment of Student Performance and Progress
Grade 5
Jenny's Essay Performance
Jenny's essay is a narrative story as part of the test. Jenny's essay is scored in three categories:
Organization: Purpose
Development: Elaboration
Conventions
Lexile and Quantile Measures
Lexile and Quantile measures are reported from the Smarter Balanced for ELA and Smarter Balanced for Mathematics assessments. Lexile measures show the level of text your child can read and understand independently. Quantile measures identify the mathematic skills and concepts your child is ready to learn next. To learn more about these measures and to access Lexile and Quantile resources to support learning, visit <https://Hub.Lexile.com/Family/>.
How Jenny's Scores Compare
Smarter Balanced for ELA Smarter Balanced for Mathematics

Your Child's Score	School Average	State Average	Your Child's Score	School Average	State Average
2941	2630	2491	2499	2517	2516

Jenny M. Lastname | 2022-24 Student Score Report Page 4 of 5

Jenny's Lexile® and Quantile® Measures

Lexile and Quantile measures are reported from the Smarter Balanced for ELA and Smarter Balanced for Mathematics assessments. Lexile measures show the level of text your child can read and understand independently. Quantile measures identify the mathematic skills and concepts your child is ready to learn next. To learn more about these measures and to access Lexile and Quantile resources to support learning, visit <https://Hub.Lexile.com/Family/>.

LEXILE 980L

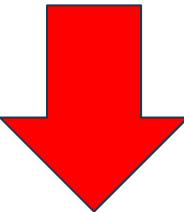
QUANTILE 745Q

- Available for Smarter Balanced ELA and mathematics
- Combined into the Smarter Balanced ELA and Mathematics SSR
- Includes link to the Lexile® and Quantile Hub® resources for families

Measures on Interim Assessments

- Lexile and Quantile measures can now be reported from students who take an Interim Comprehensive Assessment (ICA) as a part of the Smarter Balanced Interim Assessments for English language arts/literacy or mathematics.
- Lexile and Quantile measures from the ICAs are only available in the California Educator Reporting System (CERS).

Lexile and Quantile Measures In CERS



Select a results view

Lexile Report ▾ Export

Select a results view

Lexile Report ▾

Student	Date	Session	Enrolled Grade	School	Status	Lexile Measure	Lexile Range
Azar, William	May 8, 2023	BRO-1af8	G5	Sample Elementary School		620L	520L - 670L
Baggett, Lula	May 8, 2023	WIL-cca5	G5	Sample Elementary School		614L	514L - 664L
Bailey, Teri	May 8, 2023	BRO-e9d9	G5	Sample Elementary School		701L	601L - 751L
Baldwin, Jean	May 8, 2023	BRO-1af8	G5	Sample Elementary School		648L	548L - 698L
Balogh, Clarice	May 8, 2023	BRO-e9d9	G5	Sample Elementary School		741L	641L - 791L
Barney, Ashley	May 8, 2023	BRO-1af8	G5	Sample Elementary School		666L	566L - 716L

Sample data from CERS Sandbox

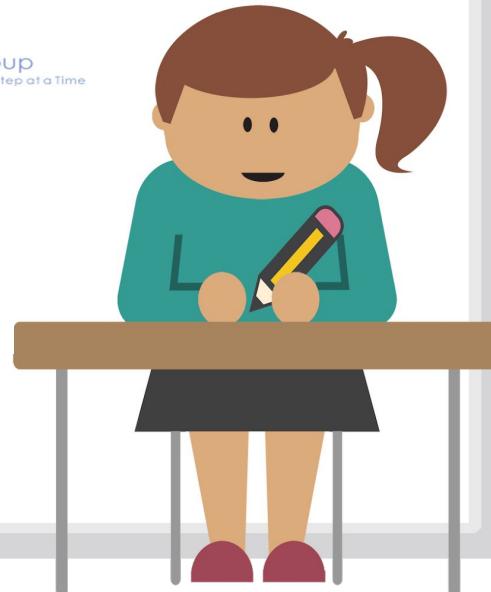
Accessing *Lexile* and *Quantile* Measures Live Demonstration

CERS Sandbox Training Tool



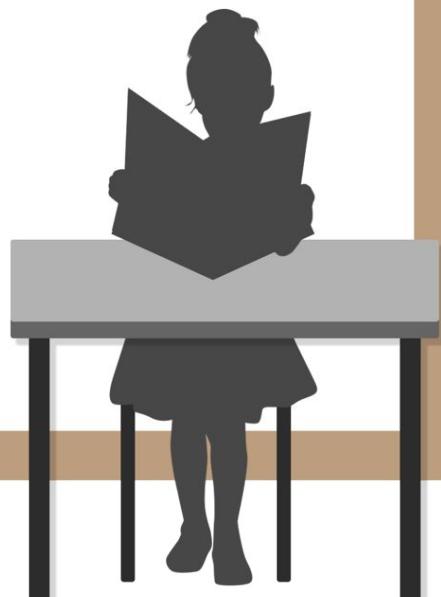
Variety of Benchmark Assessments

More than 65 reading assessments
and programs report Lexile measures.



Variety of Benchmark Assessments

Dozens of popular math assessments, and **state assessments**, report Quantile measures.

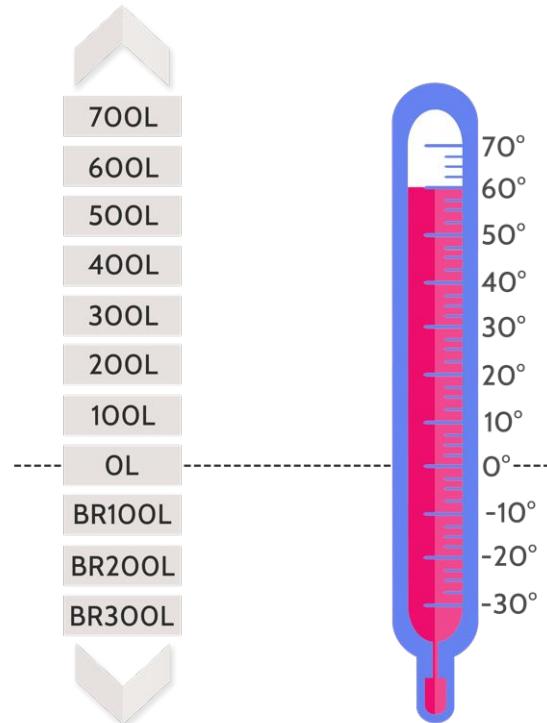


The Lexile Framework



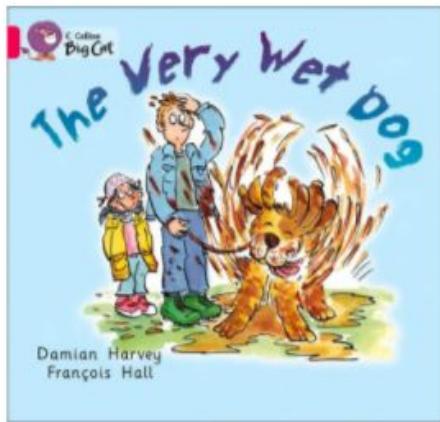
The Lexile Framework for Reading

Links reading material and readers under a common metric—the Lexile measure

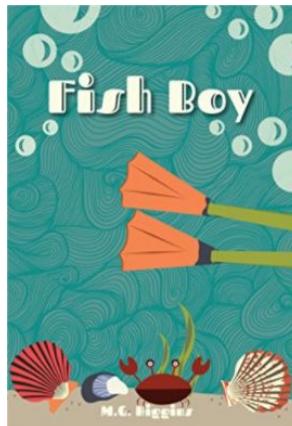


Lexile Scale < > Thermometer

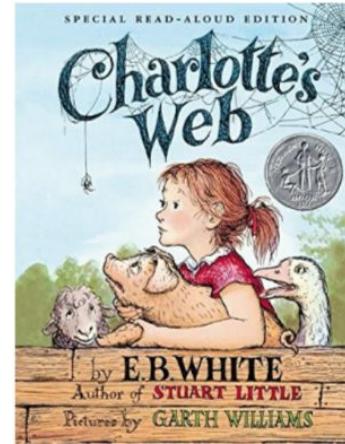
The Lexile Framework for Reading



BR180L

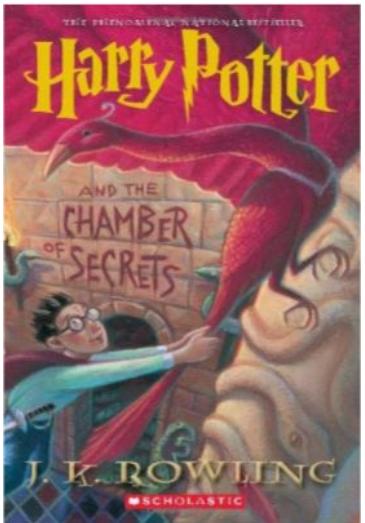


160L

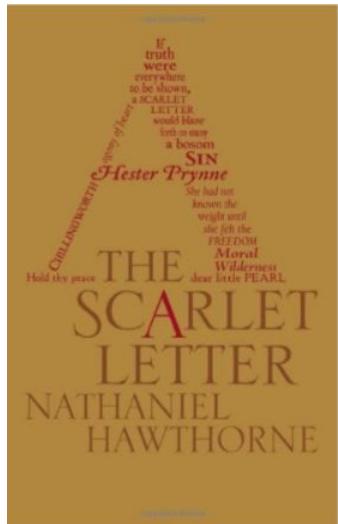


680L

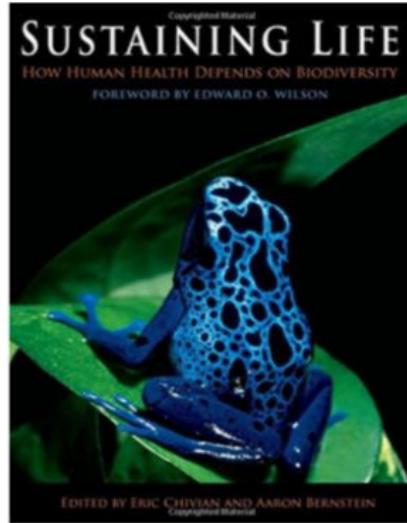
The Lexile Framework for Reading



940L



1420L



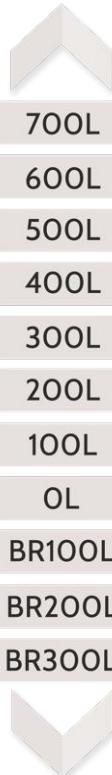
1600L

The Lexile Framework for Reading

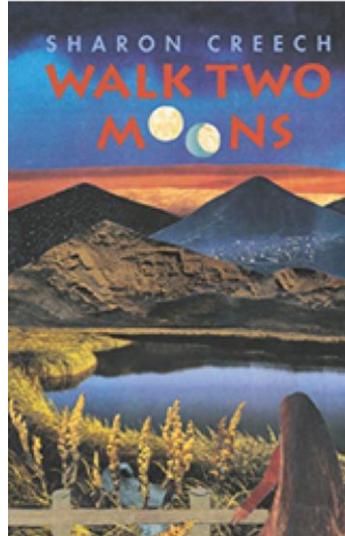
**Student
Measure**



770L



**Text
Measure**



770L

Two Kinds of Measures

□ Lexile Text Measure



- Complexity of sentences
- Complexity of vocabulary



□ Lexile Reading Measure

- Reading comprehension

***Independent* Reading**



- To grow, readers need *independent practice*.
- The greatest growth happens when reading text in a student's Lexile zone.

Reading *Instruction*

- To grow our readers in the classroom, we need to consider:
 - the ability of reader,
 - the complexity of text
 - instructional scaffolding



Value and Utility

1. Target instruction to students
2. Promote growth and progress monitoring
3. Communicate student achievement more effectively



Limitations

Lexile measures only gauge
text demand



Text Side

- Age appropriateness
- Text support
- Text quality

Student Side

- Interest and motivation
- Background knowledge
- Context/purpose

The Quantile Framework



Quantile Framework...



*...is like a yardstick, and
is a way to measure:*

1. Mathematics skills and concepts
2. Students' understanding

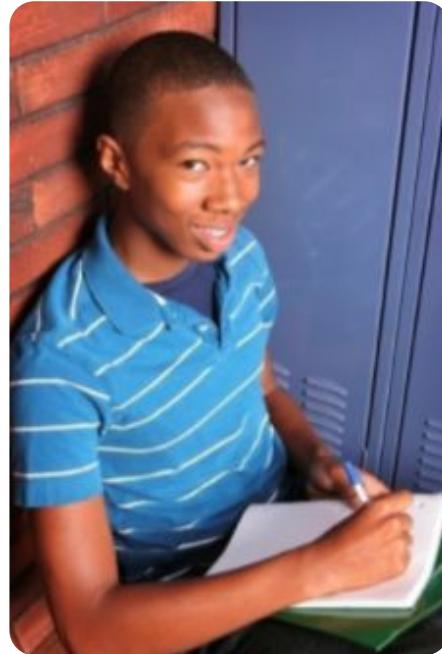
Quantile Measures

- Quantile Skills and Concepts (QSCs)



Quantile Measures

- When applied to students, the Quantile measure indicates the student's ***readiness for instruction.***



Quantile Framework

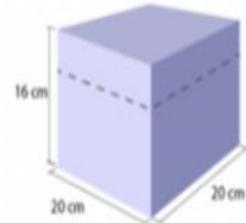
**Student
Measure**



840Q



**Quantile QSC
Measure**



840Q

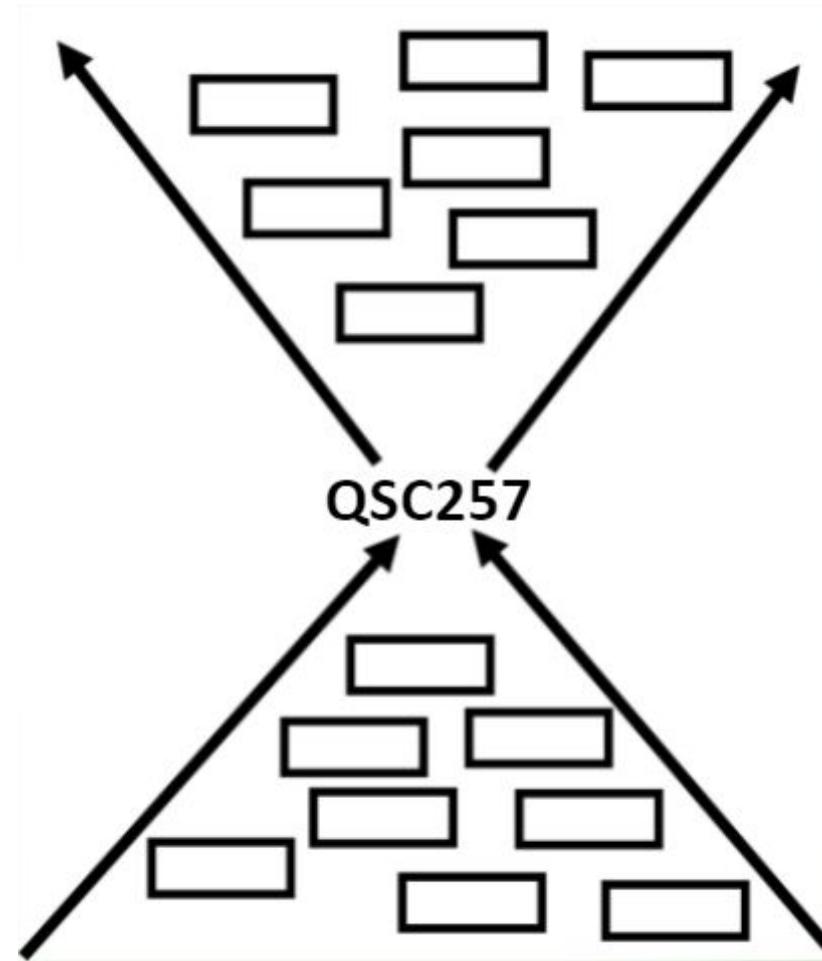
Quantile Skills and Concepts

- Focus on specific mathematics skills or concepts
- Form the “backbone” of the Quantile Framework
- Comprise more than 550 QSCs, each measured on the Quantile scale

Knowledge Clusters

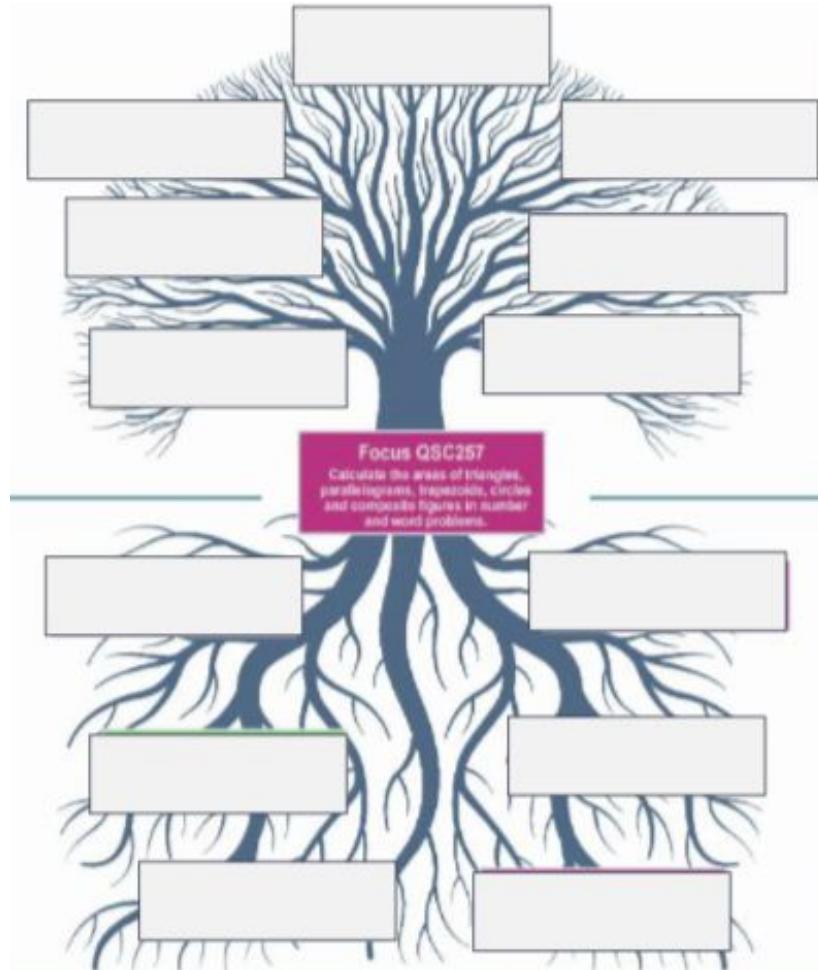
- Prerequisite QSCs

- Impending QSCs



QSC257

- Structure of a Knowledge Cluster



Benefits of Quantile Measures

- Link student ability to skill difficulty
- Forecast student success rate
- Differentiate mathematics instruction
- Track growth over time



In the Classroom...

Teachers can use Quantile measures to

- sequence materials by difficulty,
- provide focus on prerequisite skills, and
- locate additional resources for instruction.



At Home...

Parents/Guardians can use Quantile measures to

- locate materials to practice mathematics,
- celebrate a child's mathematics accomplishments and growth, and
- communicate with a child's teacher.



The Lexile & Quantile Hub

Free Tools and Resources!



hub.lexile.com

Quick Reference Guide

Quick Reference Guide—How to Self-Register for the Lexile & Quantile Hub (PDF)—Step-by-step instructions for accessing the Hub and completing the self-registration process.

QUICK REFERENCE GUIDE

LEXILE AND QUANTILE MEASURES

How to Self-Register for the Lexile® & Quantile® Hub

The Lexile & Quantile Hub offers free access to research-based reading and mathematics tools and resources to support student learning. Parents/guardians and educators can register for a free account to access enhanced features that provide more data useful for college and career planning and student learning.

- 1 Navigate to <https://hub.lexile.com/family>.
- 2 Select the **Register** button at the top right corner of the screen.
Register
- 3 Enter your email address, create a password, and select your country and state from the drop-down menus.
- 4 Select your role from the **What is your role?** options.
- 5 If you are an educator in California, use your school- or state-issued email address to receive complimentary access to Premium membership.
Create Account
- 6 Select the **Create Account** button.
- 7 An email with a link to confirm your account will be sent to the email address entered during registration. This link will expire in 24 hours.
- 8 Select the confirmation link provided in the email.
- 9 Enter your email address and password.
- 10 Select the **Sign In** button.
- 11 Upon signing in, a welcome page will appear. On this page, you can access the **Lexile & Quantile Hub Quick Start Tutorial** video for an introduction to the Hub and the tools it contains.
- 12 For more information, visit the California Department of Education Lexile and Quantile Measures web page at <https://www.caaspp.org/ta-resources/lexile-quantile.html>.

California Department of Education

June 2021

Lexile/Quantile Tools/Resources



**Educators,
Parents &
Students Can
Access Free
Resources**

The **Lexile® & Quantile® Hub** is a convenient online platform that provides educators, parents and students with easy access to more than a dozen new and enhanced reading and math tools. The Hub provides:

- ✓ ***Everything in one place.*** Discover new and enhanced tools that support student learning and growth in reading and math.
- ✓ ***Better support.*** Enjoy quick start guides and video tutorials.
- ✓ ***Flexibility.*** Navigate to tools without signing in or unlock additional feature sets by registering.



Lexile tools are available
at Hub.Lexile.com.

Hub Tools – Registering Users

- **Educators in California** can use their school/district or state-issued email to receive complimentary access to Premium membership.
- **Parents** can use their personal email to register and receive complimentary access to Basic+ membership
- **Students** can access basic level features by navigating to the Hub (*no registration required*)

The screenshot shows the Lexile & Quantile Tools homepage. A red box highlights the top right corner where the 'Register' and 'Sign In' buttons are located. Below the header, there's a banner for the 'EDUCATOR ACADEMY' with options for 'SELF-PACED' and 'ONLINE'. The main content area has sections for 'K-2 TOOLS' and 'Lexile® Tools' (Find a Book, Text Analyzer, WordLists). On the right, there's a 'Create an Account' form with fields for Email Address, Password, Confirm Password, Country, State, and a checkbox for newsletter subscriptions. It also includes sections for 'Our Partner States' (with a map of the US) and 'Our Partner Roles' (Educator, Parent, Researcher). At the bottom right is a 'Create Account' button.

LEXILE & QUANTILE TOOLS

LEXILE® & QUANTILE® EDUCATOR ACADEMY

SELF-PACED ONLINE

K-2 TOOLS

Lexile® Tools

Find a Book

Text Analyzer

WordLists

Quantile® Tools

Teacher Assistant

Math@Home

Math Skills Database

Find a Decodable Book

Decodable Passages

Find a Decodable Book

For Educators and Researchers

Search for decodable books by vowel sound(s). View a book's percentage sounds and words grouped by spell patterns.

Create an Account

Fields with an * are required.

Email Address *

Password *

Confirm Password *

Country *

Select an Option

State

Select an Option

Subscribe to join the conversation and receive newsletters, important notifications, and special invitations.

Our Partner States

If you are an educator in a partner state, use your school/district or state-issued email to receive complimentary access to Premium membership.

Our Partner Roles

Educator

You support student instruction and college and career readiness.

Parent

You support your child's learning and college and career planning at home.

Researcher

You are conducting research activities or in search of resources to support your interests.

Create Account

Available Lexile Tools

- Find a Book
- Lexile Analyzer
- Word Lists
- Career Database
- Measures Manager
- Growth Planner
- Grade Level Charts



Hub Tools – Find a Book

Menu << LEXILE & QUANTILE TOOLS My Account ▾

All Tools Profile Change Password Mailing Lists Membership Plan

LEXILE® & QUANTILE® EDUCATOR ACADEMY SELF-PACED ONLINE

The NEW Lexile and Quantile Certification Courses provide professional development that fits your schedule. Enroll now!

LEXILE TOOLS All Tools

Find a Book For Educators, Parents and Students Search for books by grade, interest and reading complexity. View a book's most challenging words and create a personal booklist that can be shared with others.

Lexile® Grade Level Charts For Educators View and print student Lexile measures by grade level. Filter your view by grade(s), time of year, and student population percentiles.

Lexile® Text Analyzer For Educators Paste or type in text to receive a Lexile range. View text characteristics along with challenging words and their definitions.

Growth Planner For Educators and Students Use Lexile measures to determine if a student is on track to graduate college-and-career ready. Access national and regional career data.

NEW Lexile® Career Database For Educators Identify the reading demands needed for a desired career and use it to inform goal setting. The Lexile measure is the only metric available to examine and describe

WordLists For Educators Download lists of important words by grade and domain, including math, science, social studies and general, that students are likely to encounter in textbooks and other classroom

Lexile® Measures Manager For Educators Determine a student's optimal reading measure when multiple assessments that produce Lexile measures have produced significant and unanswered differences.

QUICK LINKS ★

- Lexile & Quantile Educator Academy
- Lexile® Tools
 - Find a Book
 - Grade Level Charts
 - Text Analyzer
 - Growth Planner
 - Career Database
 - WordLists
 - Measures Manager
- Quantile® Tools
 - Summer Math Challenge
 - Teacher Assistant
 - Grade Level Charts
 - Math@Home
 - Math Skills Database
 - Month Planner
 - Career Database

Hub Tools – Find a Book

Search by:

- **Title, Author, ISBN**
- **Grade**
- **Lexile Measure**
- **Interest**

LEXILE & QUANTILE TOOLS

Register Sign

Books in Spanish Español

 Looking for Decodable Books? Try our new Find a Decodable Book search tool!

Quick Search

Search by Grade OR Search by Measure Lexile Measure Example: 650L Lexile Range 410L to 890L 

Search by Interest

Categories         

Subcategories Book Type Book Interests

Register for an account and upgrade to Premium to get advanced educator search options.

Hub Tools – Find a Book

Search Returns:

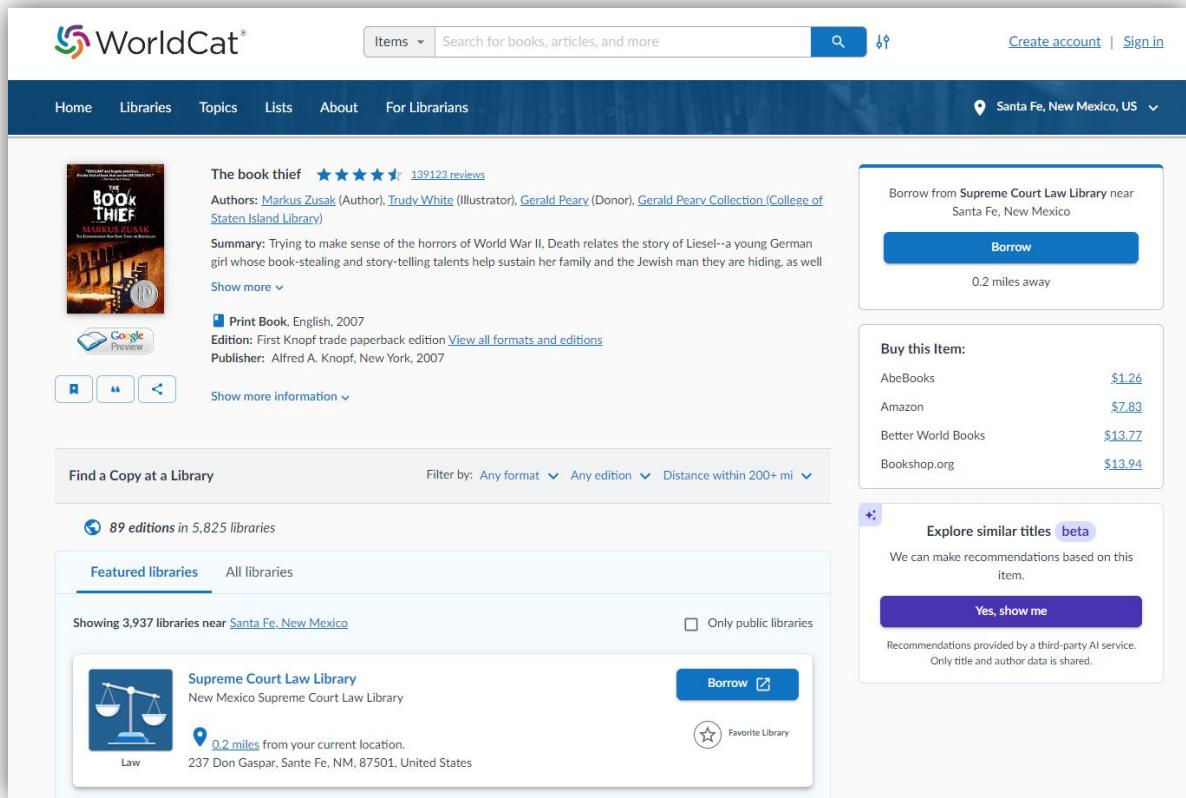
- ✓ List of books for review/selection
- ✓ Relevant vocabulary
- ✓ Text indicators
- ✓ Links to find or purchase the book

The screenshot shows the Lexile & Quantile Tools website interface. At the top, there's a navigation bar with a bell icon, 'My Account', and a search bar. Below the header, the 'Lexile FIND A BOOK' logo is visible. The main content area displays the book 'The Book Thief' by Markus Zusak. Key details shown include the author(s) 'Markus Zusak', age range 'N/A', copyright '2006, Hardcover', ISBN '9780375831003', and a note to 'Click to show additional ISBNs'. To the right of the book info, there's a user profile section with '73OL' and a heart icon, followed by buttons for 'Find on Amazon', 'Find in Library', and a link to 'Search for this book in Open Library'. A red box highlights these three buttons. Below the book details, there's a 'Categories' section with 'Real Life' and 'General Literature' links, and a 'Tags' section listing 'Personal & social issues: death & bereavement (Children's / Teenage)', 'General fiction (Children's / Teenage)', 'Adventure stories (Children's / Teenage)', and 'Historical fiction (Children's / Teenage)'. At the bottom, there's a 'Vocabulary' tab (which is selected, indicated by a red box), an 'Indicators' tab, and a note stating 'Find a Book selects up to 10 words from the book that have been identified as having significant consequence or relevance and can be used to help inform instruction.' A list of words follows: 'contortion', 'intense', 'recover', 'odd', 'accordion', 'generous', 'resist', 'trace', 'inform', and 'manual'. A small note says 'Vocabulary Powered by PowerV and Oxford Dictionaries'. On the far right, it says '2 definitions available.' and has a right-pointing arrow.

Hub Tools – Find a Book

✓
Cost Effective Options for Purchasing

✓
Local Library Search



The screenshot shows the WorldCat homepage with a search bar and navigation menu. The main content displays the book "The Book Thief" by Markus Zusak, showing its cover, rating (4.5 stars), and a summary. It includes links for Google Preview and Print Book. Below this, there's a section for finding copies at libraries, showing 89 editions in 5,825 libraries near Santa Fe, New Mexico. A specific library entry for the Supreme Court Law Library is highlighted, showing it's 0.2 miles away. To the right, there are sections for borrowing from the library and buying the book from various retailers like AbeBooks, Amazon, and Better World Books.

The book thief ★★★★☆ 139123 reviews

Authors: [Markus Zusak](#) (Author), [Trudy White](#) (Illustrator), [Gerald Peary](#) (Donor), [Gerald Peary Collection \(College of Staten Island Library\)](#)

Summary: Trying to make sense of the horrors of World War II, Death relates the story of Liesel--a young German girl whose book-stealing and story-telling talents help sustain her family and the Jewish man they are hiding, as well

Show more ▾

Print Book, English, 2007
Edition: First Knopf trade paperback edition [View all formats and editions](#)
Publisher: Alfred A. Knopf, New York, 2007

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Recommendations provided by a third-party AI service.
Only title and author data is shared.

Hub Tools – Growth Planner

For College & Career Readiness

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QUICK LINKS ★
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Lexile® Tools Find a Book Grade Level Charts Text Analyzer Growth Planner Career Database WordLists Measures Manager Quantile® Tools Summer Math Challenge Teacher Assistant Grade Level Charts Math@Home Math Skills Database Growth Planner Career Database

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Hub Tools – Growth Planner

For College & Career Readiness

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 LEXILE GROWTH PLANNER

WHAT IS YOUR PROJECTED GROWTH?

The Lexile Growth Planner® uses Lexile measures to display recorded and projected growth in reading abilities. To begin, click on the Add/Edit Measure button to enter your Lexile measures from statewide annual assessments.

YOUR GROWTH PLANNER RESULTS

Add/Edit Measure Add/Edit Career

Lexile® Measure



To see your forecasted growth, please add one or more measures by clicking on the "Add/Edit Measure" button.

Hub Tools – Growth Planner

For College & Career Readiness

Menu << LEXILE & QUANTILE TOOLS

LEXILE GROWTH PLANNER

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YOUR GROWTH PLANNER RESULTS

Lexile® Measure

Lexile Measure	Test Month	Grade	School Year Start Month
1130L	04/20	Grade 8	08/19
1060L	04/19	Grade 7	08/18
980L	04/18	Grade 6	08/17
900L	04/17	Grade 5	08/16
750L	04/16	Grade 4	08/15
550L	04/15	Grade 3	08/14

+ Add Measure Submit

Lexile measures from statewide annual assessments. Please add one or more measures using the "Add/Edit Measure" button.

Lexile & Quantile Tools

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YOUR GROWTH PLANNER RESULTS

Add/Edit Measure Add/Edit Career

Lexile® Measure

A line graph titled 'Lexile® Measure' showing projected growth from grade 3 to 12+. The Y-axis ranges from 0L to 1600L. The X-axis shows grades 3 through 12+. A green shaded area represents the 'Pathway for Reading Readiness'. Data points are marked with black dots and labeled with their Lexile measure: 550L (grade 3), 750L (grade 4), 900L (grade 5), 980L (grade 6), 1060L (grade 7), 1130L (grade 8), 1180L (grade 9), 1210L (grade 10), and 1210L (grade 12+). A dashed line extends the projection to grade 12+.

HOW DO YOU COMPARE NATIONALLY?

What does your score mean on a National Level? Check your Lexile Percentile Score.

Lexile® Measure

A line graph titled 'Lexile® Measure' showing national Lexile percentile distribution by grade. The Y-axis ranges from 0L to 2000L. The X-axis shows grades 3 through 12+. Four colored shaded areas represent national percentiles: 5th (red), 25th (blue), 50th (green), and 95th (yellow). Data points are marked with black dots and labeled with their Lexile measure: 550L (grade 3), 750L (grade 4), 900L (grade 5), 980L (grade 6), 1060L (grade 7), 1130L (grade 8), 1180L (grade 9), 1210L (grade 10), and 1210L (grade 12+).

WHAT DO YOUR RESULTS MEAN?

Based on our estimated projection, you are close to meeting the challenges of college or a career by the end of grade 12.

Legend:

- Pathway for Reading Readiness (Green)
- Lexile Measure (Black Dot)

Hub Tools – Growth Planner

For College & Career Readiness

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YOUR GROWTH PLANNER RESULTS

Add/Edit Measure Add/Edit Career

Lexile® Measure

A line graph titled 'YOUR GROWTH PLANNER RESULTS' showing projected growth in Lexile measure from grade 3 to 12+. The Y-axis represents Lexile measure from 0L to 1600L. The X-axis represents grade from 3 to 12+. A green shaded area represents the 'Pathway for Reading Readiness'. Data points are marked with black dots and labeled with their Lexile measure values: 550L (grade 3), 750L (grade 4), 900L (grade 5), 980L (grade 6), 1060L (grade 7), 1130L (grade 8), 1180L (grade 9), and 1210L (grade 10). A dashed line extends the projection to grade 12+ at approximately 1350L.

HOW DO YOU COMPARE NATIONALLY?

What does your score mean on a National Level? Check your Lexile Percentile Score.

Lexile® Measure

A line graph titled 'HOW DO YOU COMPARE NATIONALLY?' showing Lexile Percentile Scores across grades 3 to 12+. The Y-axis represents Lexile measure from 0L to 2000L. The X-axis represents grade from 3 to 12+. Four colored bands represent national norms: 95th percentile (yellow), 75th percentile (purple), 25th percentile (blue), and 5th percentile (pink). Data points are marked with black dots and labeled with their Lexile measure values: 750L (grade 3), 900L (grade 4), 980L (grade 5), 1060L (grade 6), 1130L (grade 7), 1180L (grade 8), 1210L (grade 9), and 1210L (grade 10).

WHAT DO YOUR RESULTS MEAN?

Based on our estimated projection, you are close to meeting the challenges of college or a career by the end of grade 12.

Pathway for Reading Readiness
Lexile Measure

Hub Tools – Growth Planner

For College & Career Readiness

Menu <<

LEXILE & QUANTILE TOOLS

WHAT IS YOUR PROJECTED GROWTH?

The Lexile Growth Planner® uses Lexile measures to display recorded and projected growth in reading abilities. To begin, click on the Add/Edit Measure button to enter your Lexile measures from statewide annual assessments.

YOUR GROWTH PLANNER RESULTS

Add/Edit Measure Add/Edit Career

Lexile® Measure

A line graph titled 'YOUR GROWTH PLANNER RESULTS' showing projected Lexile growth. The Y-axis is 'Lexile® Measure' from 0L to 1600L. The X-axis is 'Grade' from 3 to 12+. A green shaded area represents the 'Pathway for Reading Readiness'. Data points are marked with black dots and labeled: 550L at grade 3, 750L at grade 4, 900L at grade 5, 980L at grade 6, 1060L at grade 7, 1130L at grade 8, 1180L at grade 9, and 1210L at grade 10. A dashed line extends the projection to grade 12+, ending at approximately 1350L. Three vertical bars on the right indicate projected growth ranges: orange (1350L), yellow (1380L), and blue (1400L).

YOUR COLLEGE & CAREER READINESS

Architecture and Construction

The Lexile measure range spans the 50th to 75th percentiles of the reading complexity of entry-level materials for a career. ⓘ

Lexile® Measure

A bar chart titled 'YOUR COLLEGE & CAREER READINESS' comparing Lexile measures for three careers. The Y-axis is 'Lexile® Measure' from 0L to 2000L. The X-axis lists 'Plumbers', 'Electricians', and 'Commercial Divers'. Each career has two bars: a pink bar for the 50th percentile and a dark purple bar for the 75th percentile. Labels indicate: Plumbers (50th percentile: 1270L, 75th percentile: 1460L), Electricians (50th percentile: 1270L, 75th percentile: 1460L), and Commercial Divers (50th percentile: 1270L, 75th percentile: 1460L).

WHAT DO YOUR RESULTS MEAN?

Based on our estimated projection, you are close to meeting the challenges of college or a career by the end of grade 12.

Legend:

- Pathway for Reading Readiness (Green)
- Lexile Measure (Black dot)

Lexile Word Lists

- Easily download lists of important words by grade and domain
- Includes math, science, social studies and general, that students are likely to encounter in textbooks and other learning materials.

Hub.Lexile.com/wordlists

LEXILE® WORDLISTS
Finding the most relevant words for students

CONSIDER THE SOURCE

Other Academic Wordlists are:

- Based on materials not read by grades K-12 students (college textbooks, journal articles, State Standards Documents)
- Contains words irrelevant to K-12 students

Lexile WordLists are:

- Based on top 4 best-selling Science, Math, Social Studies, and ELA textbook programs in grades 1-12.
- Reflect the words students will actually encounter

FOCUS ON WORDS THAT MATTER

primary behavior pattern strategy

Word Lists

Words my students need for success!

GRADE 3 | GENERAL WORDS

FREQUENCY	WORD	WORD FREQUENCY
31229	during	26454
30049	read	24888
30234	reason	24527
30248	uniform	24480
30988	adult	24460
36167	result	24345
34731	represent	23791
32658	section	23591
32743	over	23516
29944	analyze	23346
27939	descriptive	23344
27938	review	23094
27720	effort	20085
27548	center	19313

LEXILE



Learning the right words at the right time is the key to building a strong vocabulary foundation. Lexile WordLists, based on the top best-selling Science, Math, Social Studies, and ELA textbook programs in grades 1-12, were created to address vocabulary gaps and prepare students for the academic words they will actually encounter in their learning. Create your own customized lists of consequential words using the selections below.

Please note: Science word lists were drawn from textbooks published before the Next Generation Science Standards were published.

WordLists is now in version 1.0 (updated on 4/8/19)

Fields with an * are required.

Select Grade:*

- 1st
- 6th - 8th
- 2nd
- 9th - 12th
- 3rd
- Math
- 4th
- Science
- 5th

Select Domain(s):* [Select All](#)

- General 
- Social Studies
- Math
- Science

Select Content(s): 

- Words Only
- Words and Frequency

Select File Format(s):* [Select All](#)

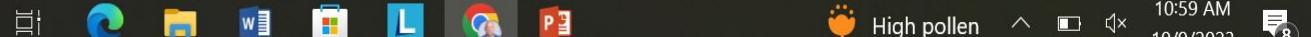
- Spreadsheet
- PDF

Download

By proceeding, you declare that you have
read and agreed to our [Terms of Use](#).



Type here to search



High pollen



10:59 AM
10/9/2023



Word Lists

(anonymous) 1 / 6 | - 100% + ⌂ ⌂

 LEXILE WORDLISTS GRADE(S) 6th to 8th | SOCIAL STUDIES WORDS

dynasty	landlocked	confucianism
connotation	opposition	diaspora
achievement	propaganda	forum
financial	athenian	imperialism
memoir	baltic	luxury
tomb	critic	maritime
commission	maiden	pity
enlightenment	presidency	steppe
samurai	cunning	throne
medieval	finale	caste
irony	mosque	decree
dominate	prose	diction
racial	balkan	oasis
arab	combat	offensive
peasant	refugee	pillar
revenue	reign	retail
philosophy	rhetorical	shequa

Type here to search

Windows 11 icons: File Explorer, Edge, File Manager, Word, Excel, Powerpoint, Google Chrome, Microsoft Teams, Mail.

System tray: High pollen icon, 11:00 AM, 10/9/2023, battery level 8%

QUICK LINKS ★

Lexile & Quantile
Educator
Academy

K-2 Tools

Find a
Decodable BookDecodable
Passages

Lexile® Tools

Find a Book

Text Analyzer

WordLists

Quantile® Tools

Teacher Assistant

Math@Home

Math Skills
Database

See All Tools

Membership Options

Support



What are Lexile Student Measures by Grade?

A research study was conducted to describe Lexile ranges for each grade. Data for these national student norms came from a sample of over 3 million students across the United States and the Virgin Islands who were administered tests that reported Lexile measures from 2010 to 2019.

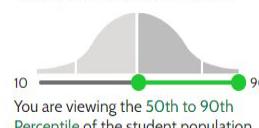
Looking for something specific?

Filter the table using the selections below.

Grade

Time of Year

Percentiles of Students Measured



You are viewing the 50th to 90th Percentile of the student population.

The Difference Between
Student Norms and

Grade EOY - Spring

50th 90th

Grade	50th	90th
K	BR16OL	15OL
1	165L	570L
2	425L	795L
3	645L	985L
4	850L	1160L
5	950L	1260L



Type here to search



7:42 PM

9/6/2023



Available Quantile Tools

- Math Skills Database
- Teacher Assistant
- Grade Level Charts
- Career Database
- Measures Manager
- Growth Planner
- Math@Home



Hub Tools – Quantile Measures

Tools For:

- ✓ Educators
- ✓ Parents
- ✓ Students

The screenshot displays the Lexile & Quantile Tools interface. On the left, a sidebar menu lists 'QUICK LINKS' and 'Lexile & Quantile Educator Academy'. Under 'QUANTILE TOOLS', it shows 'K-2 Tools' (Find a Decodable Book, Decodable Passages), 'Lexile® Tools' (Find a Book, Text Analyzer, WordLists), and 'Quantile® Tools' (Teacher Assistant, Math@Home, Math Skills Database). The 'Math Skills Database' option is highlighted with a red box. The main content area is titled 'QUANTILE TOOLS' and features six tool cards:

- Teacher Assistant** (For Educators): Differentiate student instruction based on an individual's or classroom's Quantile measure. This tool organizes each state's standards into Knowledge Clusters and aligns them to the Quantile Framework.
- Quantile® Grade Level Charts** (For Educators): View and print student Quantile measures by grade level. Filter your view by grade(s), time of year, and student population percentiles.
- Math@Home** (For Parents and Students): Access free math resources tailored to your child's Quantile measure. Resources include activities, online games, tutorial videos, and worksheets.
- Math Skills Database** (For Educators): Discover individual Quantile Skills & Concepts (QSCs) and the Quantile measures of each state standard. Get a detailed view of the Knowledge Clusters and the interconnectedness of QSCs, state standards, and Quantile measure.
- Growth Planner** (For Educators and Students): Use Quantile measures to determine if a student is on track to graduate college-and-career ready. Access national and regional career data.
- Quantile® Career Database** (For Educators): Identify the math demands needed for a desired career and use it to inform goal setting. The Quantile measure is the only metric available to compare and describe the mathematical demands of a career.
- Quantile® Measures Manager** (For Educators): Determine a student's optimal mathematical measure when multiple assessments that produce Quantile measures have produced significant and unexpected differences.

Math Skills Database

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LEXILE & QUANTILE TOOLS

For Parents and Students
Keep your child's math skills sharp over the summer with the Summer Math Challenge. Register for the 2022 challenge starting Monday, June 20th.

For Educators
Differentiate student instruction based on an individual's or classroom's Quantile measure. This tool organizes each state's standards into Knowledge Clusters and aligns them to the Quantile Framework.

For Educators
View and print student Quantile measures by grade level. Filter your view by grade(s), time of year, and student population percentiles.

 Math@Home
For Parents and Students
Access free math resources tailored to your child's Quantile measure. Resources include activities, online games, tutorial videos, and worksheets.

 Math Skills Database
For Educators
Discover individual Quantile Skills & Concepts (QSCs) and the Quantile measures of each state standard. Get a detailed view of the Knowledge Clusters and the interconnectedness of QSCs. Access free resources aligned to QSCs, state standards, and Quantile measure.

 Growth Planner
For Educators and Students
Use Quantile measures to determine if a student is on track to graduate college-and-career ready. Access national and regional career data.

 NEW Quantile® Career Database
For Educators
Identify the math demands needed for a desired career and use it to inform goal setting. The Quantile measure is the only metric available to compare and describe

 Quantile® Measures Manager
For Educators
Determine a student's optimal mathematical measure when multiple assessments that produce Quantile measures have produced significant and unexpected differences.

 Find Your Lesson
For Educators
Ensure student readiness for instruction with this tool that aligns the Quantile Framework to your textbook or other math curriculum. See each lesson's associated Quantile

Math Skills Database

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 CALIFORNIA DEPARTMENT OF EDUCATION

QUICK LINKS ★

- Lexile & Quantile Educator Academy
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 - Summer Math Challenge
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 - Grade Level Charts
 - Math@Home
 - Math Skills Database
 - Growth Planner
 - Career Database
 - Measures Manager

LEXILE & QUANTILE TOOLS

QUANTILE MATH SKILLS DATABASE

Standard Search Keyword Search

Search the Quantile Framework using the following criteria:

Fields with an * are required.

State or Mathematics Standards *

Select an Option

- Common Core
- CCR Standards for Adult Education
- Alabama
- Alaska
- Arizona
- Arkansas
- California
- Colorado

Grade or Course *

Select an Option

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LEXILE & QUANTILE TOOLS

 QUANTILE MATH SKILLS DATABASE

[Standard Search](#) [Keyword Search](#)

Search the Quantile Framework using the following criteria:

Fields with an * are required.

State or Mathematics Standards *

Grade or Course *

California

Goal *

All Goals Selected

Select an Option

- Kindergarten
- Grade 1
- Grade 2
- Grade 3
- Grade 4
- Grade 5
- Grade 6**
- Grade 7

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SEARCH

Standard Search Keyword Search

Search the Quantile Framework using the following criteria:

Fields with an * are required.

State or Mathematics Standards *

Grade or Course *

Goal *

All Goals Selected

Search

Resource Center

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Search the Math Skills Database for Quantile Skills and Concepts (QSCs) using your state standards. The database contains targeted, free resources appropriately matched to students by Quantile measure and math content.

6.RP.A.1 Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.

6.RP.A.2 Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship.

6.RP.A.3.a Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. (a) Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.

6.RP.A.3.b Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. (b) Solve unit rate problems including those involving unit pricing and constant speed.

Math Skills Database

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-  Text Analyzer
-  Career Database

Quantile® Tools

-  Summer Math Challenge
-  Teacher Assistant
-  Grade Level Charts
-  Math@Home
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LEXILE & QUANTILE TOOLS

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Grade or Course *

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All Goals Selected

Search

Search the Math Skills Database for Quantile Skills and Concepts (QSCs) using your state standards. The database contains targeted, free resources appropriately matched to students by Quantile measure and math content.

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Math Skills Database

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California Common Core State Standards for Mathematics 2014 | 86 skill(s) found

All Strands

Skills Resources

STATE GOAL	QSC ID	QSC DESCRIPTION	QUANTILE MEASURE	STRAND
6.RP.A.1	QSC654	Write a ratio or rate to compare two quantities.	390Q	Number Sense
6.RP.A.2	QSC654	Write a ratio or rate to compare two quantities.	390Q	Number Sense
6.RP.A.3.a	QSC654	Write a ratio or rate to compare two quantities.	390Q	Number Sense
6.RP.A.3.c	QSC626	Model the concept of percent and relate to the value in decimal or fractional form.	400Q	Number Sense
6.NS.C.5	QSC169	Use concepts of positive numbers, negative numbers, and zero (e.g., on a number line, in counting, in temperature, in "owing") to describe quantities in number and word problems.	470Q	Number Sense
6.NS.C.6.c	QSC169	Use concepts of positive numbers, negative numbers, and zero (e.g., on a number line, in counting, in temperature, in "owing") to describe quantities in number and word problems.	470Q	Number Sense
6.SPA.2	QSC135	Describe data using the mode.	470Q	Data Analysis, Statistics, and Probability
6.SP.B.5.c	QSC135	Describe data using the mode.	470Q	Data Analysis, Statistics, and Probability
6.G.A.3	QSC547	Use a coordinate grid to solve number and word problems. Describe the path between given points on the plane.	480Q	Geometry
6.RP.A.3.b	QSC551	Use reasoning with equivalent ratios to solve number and word problems.	530Q	Numerical Operations
6.EE.B.8	QSC604	Graph or identify simple inequalities using symbol notation $>$, $<$, \leq , \geq , and \neq in number and word problems.	550Q	Algebra and Algebraic Thinking
6.G.A.4	QSC645	Identify the nets for prisms, pyramids, cylinders and cones in geometric and applied problems.	560Q	Geometry

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CA DEPARTMENT OF EDUCATION

QUANTILE MATH SKILLS DATABASE

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Standard Search Keyword Search

Search the Quantile Framework using the following criteria:

Fields with an * are required.

State or Mathematics Standards * Grade or Course *

California Grade 6

Goal *

All Goals Selected

6.RP.A.1 Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.

6.RP.A.2 Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship.

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6.RP.A.3.b Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. (b) Solve unit rate problems including those involving unit pricing and constant speed.

6.SP.B.5.d OSC561 Identify outliers and determine their effect on the mean, median, and range of a set of data.

Search All Strands

QUANTILE MEASURE	STRAND
1050Q	Data Analysis, Statistics, and Probability
1050Q	Data Analysis, Statistics, and Probability

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Standard Search Keyword Search

Search the Quantile Framework using the following criteria:

Fields with an * are required.

State or Mathematics Standards *

Grade or Course *

Goal *

6.RP.A.1 Understand the concept of a ratio and use ratio language to describe a ratio relationship bet ▾

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Standard Search Keyword Search

Search the Quantile Framework using the following criteria:

Fields with an * are required.

State or Mathematics Standards* Grade or Course*

Grade or Course*

Grade 6

Goal*

6.RP.A.1 Understand the concept of a ratio and use ratio language to describe a ratio relationship bet ▾

Search

California Common Core State Standards for Mathematics 2014 | 1 skill(s) found

All Strands

Skills Resources

STATE GOAL	QSC ID	QSC DESCRIPTION	QUANTILE MEASURE	STRAND
6.RP.A.1	QSC654	Write a ratio or rate to compare two quantities.	390Q	Number Sense

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Supporting Skills

QSC185: Describe the probability of a chance event using a fraction or ratio. (440Q)
QSC280: Organize, display, and interpret information in circle graphs using ratios and percents. (870Q)
QSC626: Model the concept of percent and relate to the value in decimal or fractional form. (400Q)

Impending Skills

QSC263: Write a proportion to model a word problem; solve proportions. (720Q)
QSC56: Recognize and extend arithmetic sequences and geometric sequences. Identify the common difference or common ratio. (940Q)
QSC280: Organize, display, and interpret information in circle graphs using ratios and percents. (870Q)
QSC555: Determine the ratio or rate of change of a relation given a table or graph. (810Q)
QSC233: Calculate unit rates in number and word problems, including comparison of unit rates. (830Q)

Resources Show 14 Resources

California State Standards Hide 3 Standards

Not your state? See associated standards for: California

STANDARD ID	DESCRIPTION	COURSE
6.RP.A.1	Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.	Grade 6
6.RP.A.2	Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship.	Grade 6
6.RP.A.3.a	Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. (a) Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	Grade 6

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Supporting Skills ⓘ

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Resources Show 14 Resources ▾

California State Standards Hide 3 Standards ▾

Not your state? See associated standards for: California Submit

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Quantile® Tools

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- [Grade Level Charts](#)
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- [Math Skills Database](#)
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- [Career Database](#) 21
- [Measures Manager](#)

Supporting Skills ⓘ

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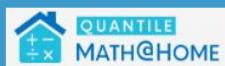
QSC233: Calculate unit rates in number and word problems, including comparison of unit rates. (830Q)

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- That Quiz: Identity
- Illustrative Mathematics: Ratio of boys to girls
- Illustrative Mathematics: Voting for Two, Variation 4
- Illustrative Mathematics: Games at Recess
- Illustrative Mathematics: Jim and Jesse's Money
- Illustrative Mathematics: Voting for Three, Variation 1
- Illustrative Mathematics: Art Class, Variation 1
- Illustrative Mathematics: Art Class, Variation 2
- Illustrative Mathematics: Sore Throats Variation 2

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Math@Home



Search Math@Home for resources by telling us a little bit about your student. Math@Home contains targeted, free resources appropriately matched to students by Quantile measure and math content.

Fields with an * are required.

State or Common Core *

California

Grade *

Grade 6

Tell us about your student*

Student finds math at their grade level

Easy Just Right Difficult

OR

Student Quantile Measure

What is their Quantile Range? ⓘ

765Q - 865Q

Keyword

fractions

[Learn more about Quantile measures](#)

Search



Math@Home

State or Common Core *

Grade *

Tell us about your student*
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Learn more about Quantile measures

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FractionBars: Dividing Fraction by Fractions	Lesson Plan	
How do you subtract fractions	Lesson Plan	

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Hub Overview

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Lexile & Quantile Educator Academy

[Research](#)[Contact Us](#)

Lexile & Quantile Educator Academy

The Lexile & Quantile Educator Academy is a self-paced professional development program that offers courses on the Lexile and Quantile Frameworks. The academy launched in 2021 with two courses:

- [Lexile Certification Course](#)
- [Quantile Certification Course](#)

CEU Credits for the Lexile & Quantile Educator Academy In approved states, educators can earn 1 Continuing Education Unit (10 contact hours) for completing a course.

These courses provide meaningful instruction that helps educators learn how to leverage the Quantile or Lexile framework to make data-driven decisions that inform classroom instruction. They include direct instruction, knowledge checks, summative assessments, and performance tasks.

Courses are divided into learning modules. As educators progress through the modules, they will gain an understanding of the Lexile or Quantile Framework as well as how to most effectively use the tools available on the Lexile & Quantile Hub. When an educator completes a module of the Lexile or Quantile Certification Course, they will earn a micro-credential.

At the end of the course, an educator will be a certified Quantile or Lexile educator. They'll be experts who can communicate the significance of measures to parents and share resources and best practices for classroom instruction with peers.

[Lexile & Quantile Educator Academy Forum Guidelines](#)

[Enroll in the Lexile & Quantile Educator Academy](#)

On this page:

[Do I need a Premium membership to complete a course in the academy?](#)

[What are performance and content standards and how do criterion-referenced and norm-referenced test score interpretations fit in?](#)

Sharing is Caring: Who Needs This?



Thoughts from the Field - Torrance Unified

- ✓ Building Awareness
- ✓ Leveraging iReady results
- ✓ Intervention Specialists (K-5)
- ✓ Word List Builder
- ✓ Text Analyzer
- ✓ Math Skills Database



Thoughts from a Parent



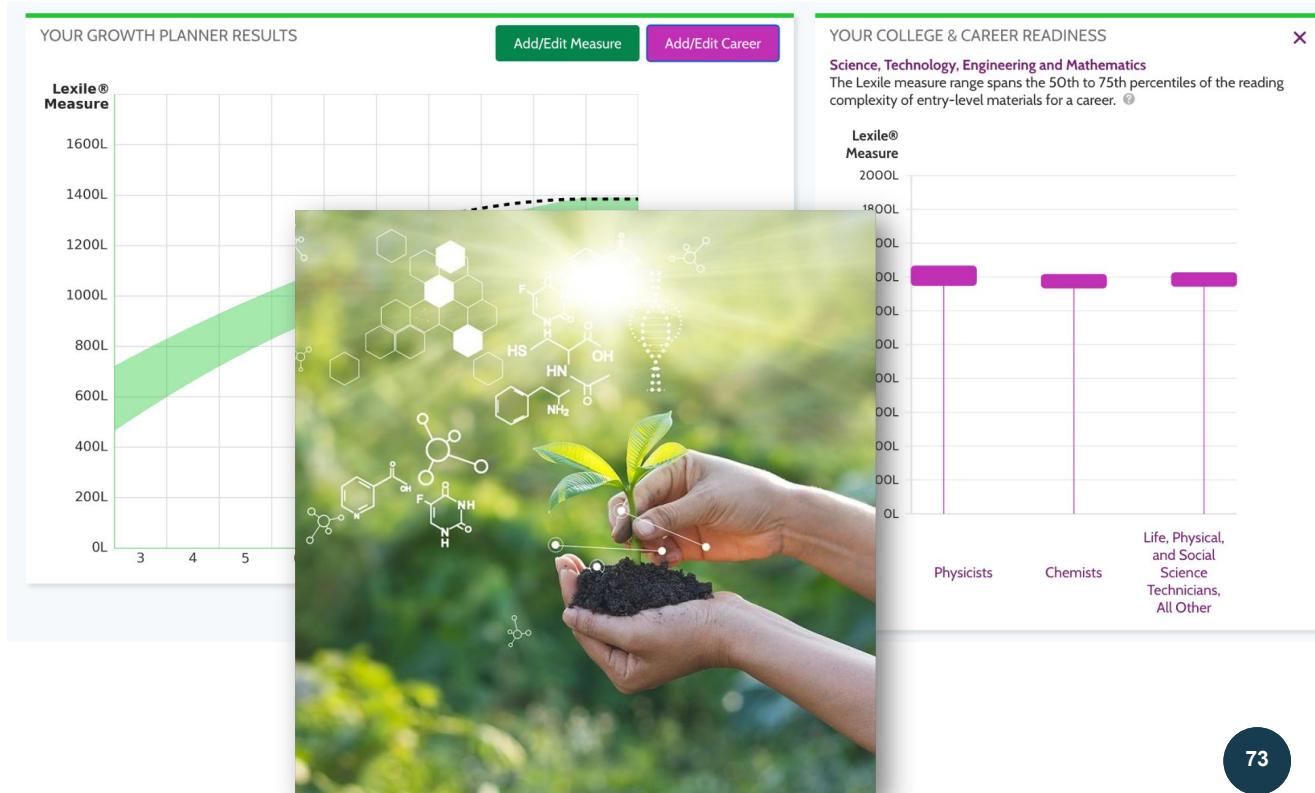
College & Career
Conversation
Starter



Connected to
Multiple
Assessments



Identify Hidden
Potential





Key Takeaways

With Lexile & Quantile Measures:

- Gauge the degree of challenge between the ability of individual students and the difficulty of material.
- Take a longitudinal view of student growth toward our goals of college and career readiness.
- Communicate more effectively with parents/guardians and communities about their children's learning and progress.
- Access free tools and resources to connect students with a variety of learning materials at their unique ability level.



Questions?

Thank You!



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