

Pathway2Careers Assessment: Quantile Tools



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Lexile & Quantile Hub

URL: https://Hub.Lexile.com/

An online platform that provides easy access to math tools to support student learning and growth.



Find Your Lesson

URL: https://hub.lexile.com/find-your-lesson/search

Ensure student readiness for instruction with this tool that aligns the *Quantile®* Framework for Mathematics with the Pathway2Careers math curriculum. Each lesson has been calibrated to provide a list of skills and associated Quantile® measures for that lesson. In addition, information about prerequisite, supporting, and impending math skills as well as calibrated resources to share with your students can be accessed here. Note that all calibrated resources are free and do not require a log in.

Instructions

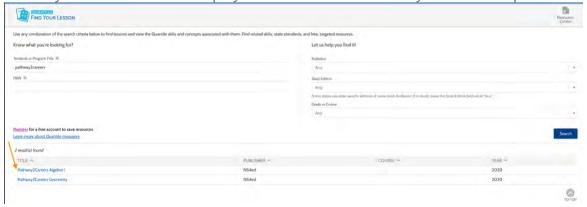
1. Enter "Pathway2Careers" in the **Textbook or Program Title** textbox and click the **Search** button.

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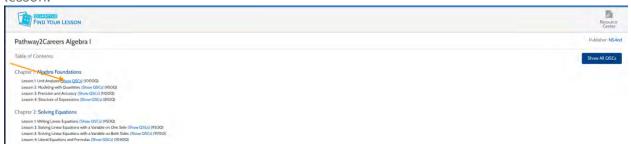




2. Pathway2Career results will display below. Select on the title you want to explore.



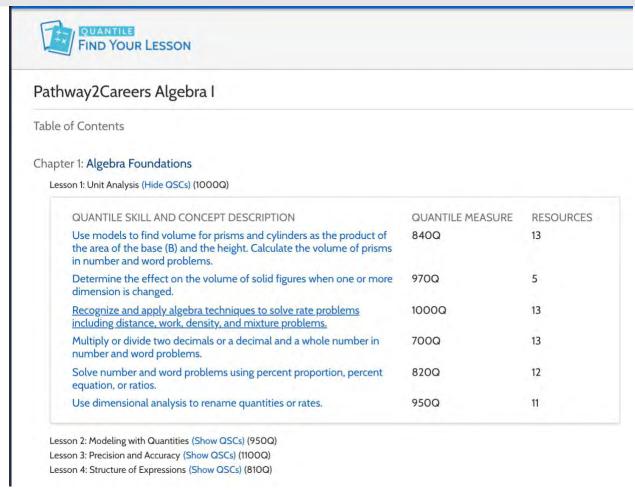
3. The lessons will display with their related Quantile measure. To view the Quantile Skills and Concepts (QSCs) for a single lesson, click on the **Show QSCs** link for that lesson.



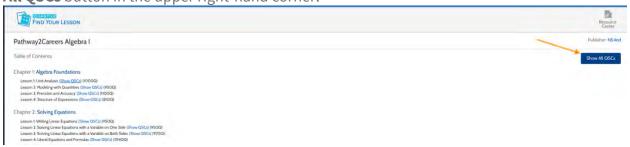
The Quantile Skill and Concepts for that lesson will be displayed.







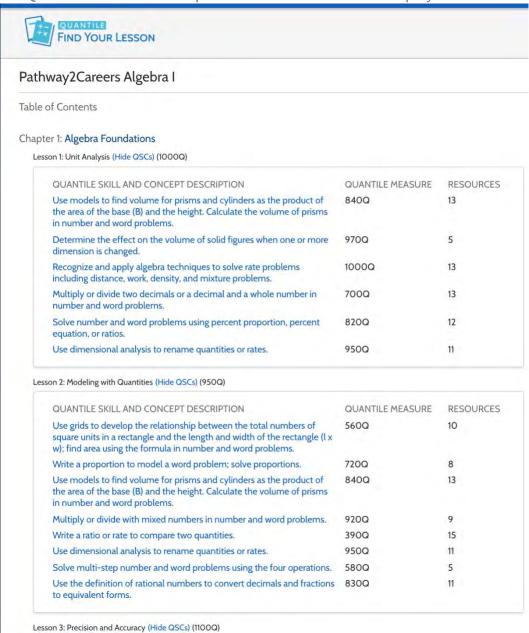
4. To view the Quantile Skills and Concepts (QSCs) for all the lessons, click on the **Show All QSCs** button in the upper right-hand corner.







The Quantile Skills and Concepts for all the lessons will be displayed.



5. Click on the Quantile Skill and Concept Description to go to the <u>QSCs Details Page</u>, which provides details about the QSCs (Knowledge Cluster: Prerequisite, Supporting,

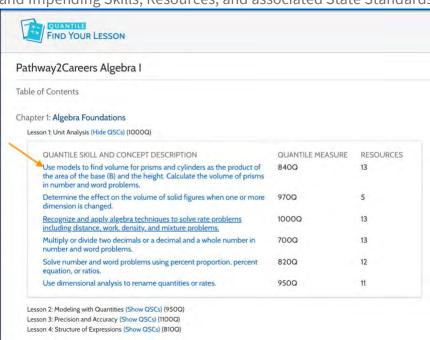
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and Impending Skills, Resources, and associated State Standards)



Math Skills Database

URL: https://hub.lexile.com/math-skills-database

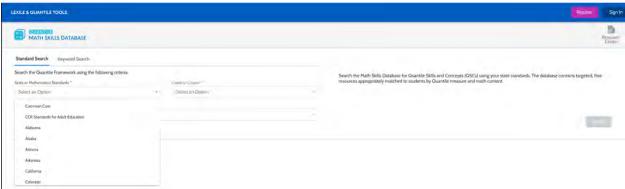
Unpack state standards to individual Quantile Skills and Concepts (QSCs) that make up the standards along with their Quantile measures. Review the details of a QSC for prerequisite, supporting, and impending skills, resources to share with students, and related state or mathematics standards.



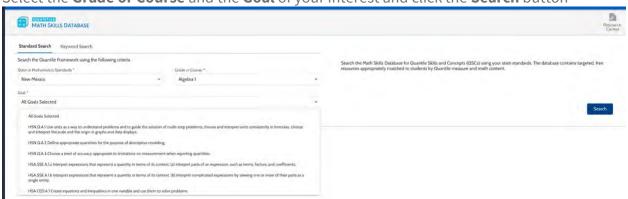


Instructions

1. Select the **State or Mathematics Standard** of your interest.



2. Select the Grade or Course and the Goal of your interest and click the Search button

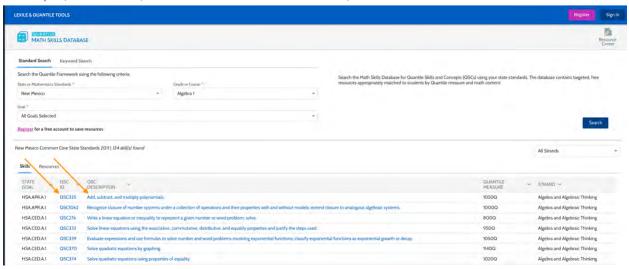


3. From the QSCs results, click on the **QSC ID** or **QSC Description** to see more details about the QSCs (Knowledge Clusters and the interconnectedness of skills and





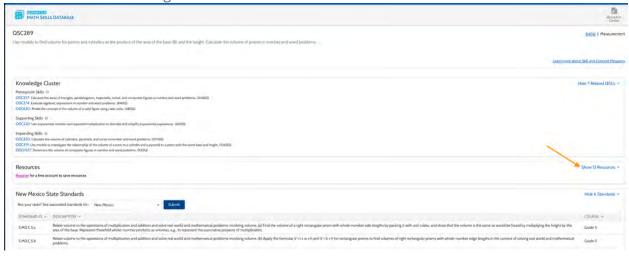
concepts, Resources, or associated State Standards)



Quantile Skills and Concepts (QSCs) Details Page

In the **Knowledge Cluster** section, prerequisite, supporting, and impending skills are listed for the selected QSC. Related State Standards are also listed below

To see resources to share with your students to help them with the QSC, click on the **Show Resources** link on the right-hand side.



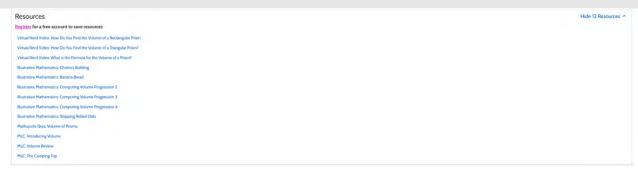
A list of links to helpful resources will be displayed.

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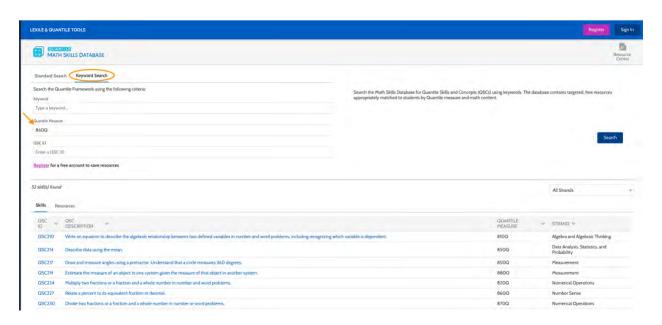




Student's Quantile Measure

When a student has been assessed and provided a Quantile measure, for a better understanding of what the student is ready to learn, search for Quantile Skills and Concepts related to the student's Quantile measure.

On the Math Skills Database, click on the Keyword Search tab, enter the student's Quantile measure in the Quantile Measure field, and click the Search button. QSCs within +/-50Q are displayed in the results.







Teacher Assistant

URL: https://hub.lexile.com/quantile-teacher-assistant

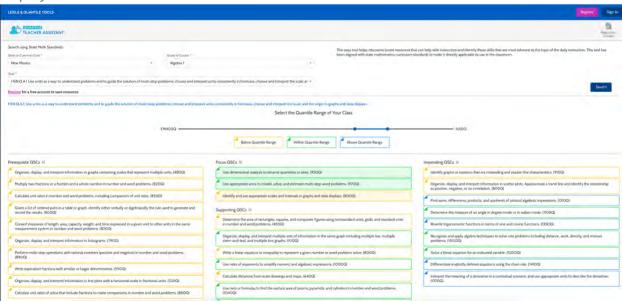
Differentiate student instruction based on an individual's or classroom's Quantile measure.

Instructions

1. Select the **State or Common Core**, **Grade or Course** and **Goal**.



An interactive chart of prerequisite, focus, supporting, and impending QSCs is displayed.



2. To change the Quantile range of the QSCs, drag the blue dots in the Select the Quantile Range of Your Class section.

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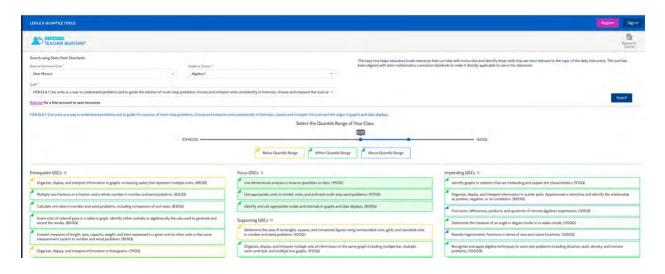
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For example, drag the left dot from 915Q to 800Q f to change the bottom Quantile range of your class. The QSCs in the chart below will update to reflect your new Quantile range.

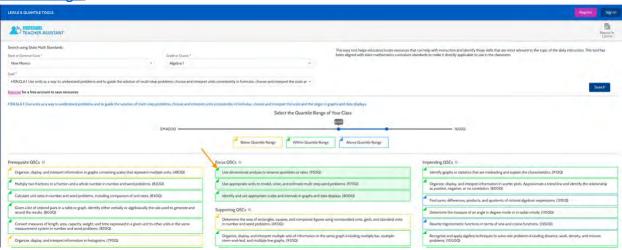
Note that the colors in the chart change to reflect the new class Quantile range: yellow indicates that a QSC is below the Quantile range, green indicates that a QSC is within the Quantile range, and blue indicates that a QSC is above the Quantile range.







3. To see more details about a QSC, click on the appropriate box to go to the QSCs Details Page.



Quantile Grade Level Charts

URL: https://hub.lexile.com/quantile-grade-level-charts

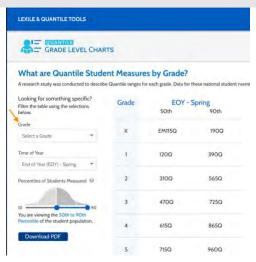
View and print student Quantile measures by grade level. Compare your students to the national student norms.

Instructions

1. Select the grade(s) you are interested in viewing. You may select more than one grade.







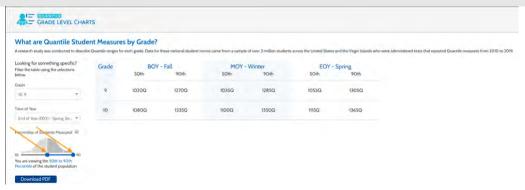
2. Select the **Time of Year** you are interested in viewing. You may select more than one time of year.



3. To change the percentile of the student population, drag the blue dots in the **Percentiles of Students Measured** graph.







For example, drag the left dot from 50th to 25th to change the bottom percentile range of the student population.



Note that the Quantile Grade Level Chart information is based on a research study conducted by MetaMetrics° to describe Quantile 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 Quantile measures from 2010 to 2019.

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