

Lexington Public Schools

Grade 6 Curriculum Overview

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Our Grade 6 Curriculum is an integrated curriculum. Teachers use both the Connected Mathematics Project and Illustrative Math to support students in accessing the grade level curriculum standards. Use the links below to access these resources.

Connected Mathematics Project

Students can access an online textbook through the link provided above. You must be logged into your Lexington user account to access. Specific instructions for loading your grade level text can be found [here](#).

Illustrative Mathematics

Open Up Resources is a company committed to providing free curriculum resources to all students in the K-12 education system. The site supports the free version of Illustrative Math and the link above will bring you to the Family Materials page for grade 6.

Access to Unit Resources

Use the links below to access resources for each unit within our Grade 6 Curriculum.

These resources are to support instruction and learning. It is not recommended that students move ahead in the curriculum, but rather access this page to visit material and supports to further your learning in the current unit in your mathematics class as recommended by your teacher.

[Number Sense and Operations](#)

In this unit, students will first work on number classification, factors, and multiples. The second topic of this unit will focus on algorithms, the order of operations, and properties of numbers.

[Geometry](#)

This unit is broken up into three critical areas and builds off of student understanding of shapes, the coordinate plane, and geometric measurements from grade 5.

[Rational Numbers](#)

In this unit, students will perform operations on fractions, convert between fractions, decimals, and percents, and work with fractions in real world applications.

[Ratios and Proportional Relationships](#)

In this unit students will focus on applications of ratios and rates in context, applying their number sense to solve real world problems.

[Expressions, Equations, and Inequalities](#)

This unit is an introduction to the language of algebra and the concept of utilizing variables to determine unknown values.

[Data and Statistics](#)

In this unit, students will explore the language of statistics and work with multiple representations of data to improve their ability to describe data trends and use mathematics to interpret real world situations.

Math Workshop

All students have access to our math intervention resources that provide students with extra practice in pre-requisite skills and with grade level concepts.

Access this page for grade level Prodigy Math practice too!

Math Enrichment

All students can access extra math practice and challenge work for their grade level.

Ask your teacher about challenge work! We believe everyone can learn math to high levels and encourage students to challenge themselves!