

Lexington Public Schools

Grade 5 Mathematics Overview

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Lexington Public Schools commits to sharing curriculum resources with caregivers in support of student learning. Please note the following:

- Posted materials comprise a large portion, but not all, of the curriculum
- Caregivers are welcome to contact their building principal to obtain any additional information regarding the specific curriculum that will be presented in their child's classroom, or to schedule a time to come in to review curricula materials.

Grade 5 Curriculum Resources:

- [Illustrative Mathematics Grade 5 Units](#)
- [Illustrative Mathematics Grade 5 Information for Families](#)

The big ideas in grade 5 include: developing fluency with addition and subtraction of fractions, developing understanding of multiplication and division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions), extending division to two-digit divisors, developing understanding of operations with decimals to hundredths, developing fluency with whole number and decimal operations, and developing understanding of volume.

The mathematical work for grade 5 is broken into 8 units:

1. Finding Volume
2. Fractions as Quotients and Fraction Multiplication
3. Multiplying and Dividing Fractions
4. Wrapping Up Multiplication and Division with Multi-digit Numbers
5. Place Value Patterns and Decimal Operations
6. More Decimal and Fraction Operations

7. Shapes on the Coordinate Plane

8. Putting it All Together