

# Illustrative Mathematics

The Illustrative Mathematics curriculum includes Advanced 5 Math students.

Scan this QR code to learn more about the Illustrative Mathematics curriculum.  
The information is broken down into each unit.



Accelerated Grade 6

**UNITS** INFORMATION FOR FAMILIES

- UNIT 1**  
Areas
  - Reasoning to Find Area
  - Parallelograms
  - Triangles
  - Surface Area
- UNIT 2**  
Ratios, Rates, and Percentages
  - What are Ratios?
  - Representing Equivalent Ratios
  - Rates
  - Percentages
- UNIT 3**  
Fractions and Decimals
  - Making Sense of Division
  - Dividing Fractions
  - Fractions in Lengths, Areas, and Volumes
  - Warming Up to Decimals
  - Dividing Decimals
- UNIT 4**  
Equations and Expressions
- UNIT 5**  
Proportional Relationships
- UNIT 6**  
Percentage Increase and Decrease

Additional information for families is also provided on the site. Answers to the following questions will be found on this page:

- ✓ What is a problem-based curriculum?
- ✓ What supports are in the materials to help my student succeed?
- ✓ What can my student do to be successful in this course?

Accelerated Grade 6

**UNITS** INFORMATION FOR FAMILIES

**Information For Families**

We'd like to introduce you to the Illustrative Mathematics curriculum. This problem-based curriculum makes rigorous middle school mathematics accessible to all learners.

**What is a problem-based curriculum?**

In a problem-based curriculum, students spend most of their time in class working on carefully crafted and sequenced problems. Teachers help students understand the problems, ask questions to push their thinking, and orchestrate discussions to be sure that the mathematical takeaways are clear. Learners gain a rich and lasting understanding of mathematical concepts and procedures and experience applying this knowledge to new situations. Students frequently collaborate with their classmates—they talk about math, listen to each other's ideas, justify their thinking, and critique the reasoning of others. They gain experience communicating their ideas both verbally and in writing, developing skills that will serve them well throughout their lives.