



River Forest
Public Schools

Math Scope and Sequence Updates

Roosevelt Middle School
COW Meeting, May 2026

Purpose of Tonight's Update

- Math Leadership Team: Current status and next steps
- Updated scope and sequence, with daily instruction
- Math placement data for current 9th graders at OPRFHS (D90 graduates)
- Next steps



Math Leadership Team 2025-2026

- Reconvened in 2025 after hiatus:
 - Reviewed current D90 vision and mission for mathematics instruction
 - Elementary and Middle School math collaboration: MS curriculum update
- Reviewed historical math growth and achievement data
- Review ISBE *Illinois Numeracy Plan* Draft
- Final Meeting scheduled for May 12, 2026



Math Leadership Team: Draft Goals 2026-2027

- Review, analyze, and monitor D90 math achievement and growth data from FY 2025
 - Collaboration with Assessment Committee
- Review *Illinois Numeracy Plan* and determine next steps for D90
 - D90 Math vision and mission
 - Vertical alignment
 - Professional learning
 - K-4 Curriculum Review Process
- RMS Members: Continue to refine implementation of *Desmos* and scope and sequence for daily instruction



5th and 6th Grade Scope and Sequence Updates

5th Grade	Unit Instruction 2024-2025	Unit Instruction 2025-2026	6th Grade	Unit Instruction 2024-2025	Unit Instruction 2025-2026
Unit 0	Getting Started	Getting Started	Unit 1	Area and Surface Area	Area and Surface Area
Unit 1	Volume	Volume	Unit 2	Introducing Ratios	Introducing Ratios
Unit 2	Fractions as Quotients and Fraction Multiplication	Fractions as Quotients and Fraction Multiplication	Unit 3	Unit Rates and Percentages	Unit Rates and Percentages
Unit 3	Multiplying and Dividing Fractions	Multiplying and Dividing Fractions	Unit 4	Dividing Fractions	Dividing Fractions
Unit 4	Multiplication and Division with Multi-Digit Whole Numbers	Multiplication and Division with Multi-Digit Whole Numbers	Unit 5	Decimal Arithmetic	Decimal Arithmetic
Unit 5	Place Value Patterns and Decimal Operations	Place Value Patterns and Decimal Operations	Unit 6	Expressions and Equations	Expressions and Equations
Unit 6	More Decimal and Fraction Operations	More Decimal and Fraction Operations	Unit 7	Positive and Negative Numbers	Positive and Negative Numbers
Unit 7	Geometry and Patterns	Geometry and Patterns	Unit 8	Describing Data	Describing Data

No content instruction

Partial content

Full Content



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7th and 8th Scope and Sequence Updates

7th Grade	Unit Instruction 2024-2025	Unit Instruction 2025-2026	8th Grade	Unit Instruction 2024-2025	Unit Instruction 2025-2026
Unit 1	Scale Drawings	Scale Drawings	Unit 1	Rigid Transformations and Congruence	Rigid Transformations and Congruence
Unit 2	Introduction to Proportional Relationships	Introduction to Proportional Relationships	Unit 2	Dilations, Similarity and Introducing Slope	Dilations, Similarity and Introducing Slope
Unit 3	Measuring Circles	Measuring Circles	Unit 3	Proportional and Linear Relationships	Proportional and Linear Relationships
Unit 4	Proportional Relationships with Percentages	Proportional Relationships with Percentages	Unit 4	Linear Equations and Linear Systems	Linear Equations and Linear Systems
Unit 5	Operations with Positive and Negative Numbers	Operations with Positive and Negative Numbers	Unit 5	Functions and Volume	Functions and Volume
Unit 6	Expressions, Equations, and Inequalities	Expressions, Equations, and Inequalities	Unit 6	Associations in Data	Associations in Data (currently teaching)
Unit 7	Angles, Triangles, and Prisms	Angles, Triangles, and Prisms	Unit 7	Exponents and Scientific Notation	Exponents and Scientific Notation
Unit 8	Probability and Sampling	Probability and Sampling	Unit 8	The Pythagorean Theorem and Irrational Numbers	The Pythagorean Theorem and Irrational Numbers

No content instruction

Partial content

Full Content



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ATP Scope and Sequence Updates

5th ATP 5th Grade	Unit Instruction 2024-2025 <i>*Investigations</i>	Unit Instruction 2025-2026	5th ATP 6th Grade	Unit Instruction 2024-2025	Unit Instruction 2025-2026
Unit 0	Getting Started	Getting Started	Unit 1	Area and Surface Area	Area and Surface Area
Unit 1	Volume	Volume	Unit 2	Introducing Ratios	Introducing Ratios
Unit 2	Fractions as Quotients and Fraction Multiplication	Fractions as Quotients and Fraction Multiplication	Unit 3	Unit Rates and Percentages	Unit Rates and Percentages
Unit 3	Multiplying and Dividing Fractions	Multiplying and Dividing Fractions	Unit 4	Dividing Fractions	Dividing Fractions
Unit 4	Multiplication and Division with Multi-Digit Whole Numbers	Multiplication and Division with Multi-Digit Whole Numbers	Unit 5	Decimal Arithmetic	Decimal Arithmetic
Unit 5	Place Value Patterns and Decimal Operations	Place Value Patterns and Decimal Operations	Unit 6	Expressions and Equations	Expressions and Equations
Unit 6	More Decimal and Fraction Operations	More Decimal and Fraction Operations	Unit 7	Positive and Negative Numbers	Positive and Negative Numbers
Unit 7	Geometry and Patterns	Geometry and Patterns	Unit 8	Describing Data	Describing Data

ATP: 6th and 7th Grade Scope and Sequence Updates

6th ATP = 7th Grade	Unit Instruction 2024-2025	Unit Instruction 2025-2026	7th ATP = 8th Grade	Unit Instruction 2024-2025	Unit Instruction 2025-2026
Unit 1	Scale Drawings	Scale Drawings	Unit 1	Rigid Transformations and Congruence	Rigid Transformations and Congruence
Unit 2	Introduction to Proportional Relationships	Introduction to Proportional Relationships	Unit 2	Dilations, Similarity and Introducing Slope	Dilations, Similarity and Introducing Slope
Unit 3	Measuring Circles	Measuring Circles	Unit 3	Proportional and Linear Relationships	Proportional and Linear Relationships
Unit 4	Proportional Relationships with Percentages	Proportional Relationships with Percentages	Unit 4	Linear Equations and Linear Systems	Linear Equations and Linear Systems
Unit 5	Operations with Positive and Negative Numbers	Operations with Positive and Negative Numbers	Unit 5	Functions and Volume	Functions and Volume
Unit 6	Expressions, Equations, and Inequalities	Expressions, Equations, and Inequalities	Unit 6	Associations in Data	Associations in Data (currently teaching)
Unit 7	Angles, Triangles, and Prisms	Angles, Triangles, and Prisms*	Unit 7	Exponents and Scientific Notation	Exponents and Scientific Notation
Unit 8	Probability and Sampling	Probability and Sampling	Unit 8	The Pythagorean Theorem and Irrational Numbers	The Pythagorean Theorem and Irrational Numbers

All classes also include instructional time to reinforce prerequisite skills as needed. Students in ATP are single grade accelerated in math and skipped some content in order to work at this pace.

No content instruction

Partial content

Full Content



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ATP: 8th Grade Scope and Sequence Update

8th ATP	Unit Instruction 2024-2025	Unit Instruction 2025-2026
Unit 1	Patterns and Sequences	Patterns and Sequences
Unit 2	Linear Equations and Inequalities	Linear Equations and Inequalities
Unit 3	Describing Data	Describing Data
Unit 4	Describing Functions	Describing Functions
Unit 5	Systems of Linear Equations and Inequalities	Systems of Linear Equations and Inequalities
Unit 6	Exponential Functions	Exponential Functions
Unit 7	Quadratic Functions	Quadratic Functions
Unit 8	Quadratic Equations	Quadratic Equations
Unit 9	Geometry - Angle Relationships, Triangles, Basic Proofs	Geometry - Angle Relationships, Triangles, Basic Proofs



Current OPRFHS 9th Grade Placement Data

	% of RMS Students Placed	Current Grades (A/B)
Math I	26.6%	17%= A 34.48%= B
Math IA	11%	16.67%= A 50.00%= B
Math 1 Block	5.5%	NA
Math II	6.42%	57.14%= A 28.57%= B
Math IIA	45.87%	58.00%= A 26.00%= B
Math IIIA	3.67%	Mostly As
AP Pre Calc	0.92%	NA
Total Students	111 Students	42% = A 29% = B 71% = A or B



OPRFHS Data Highlights

- 67.89% of all RMS students placed into an accelerated and/or honors math course.
- 56.88% of all RMS students placed into in single, double or triple accelerated courses.
- 26.6% total RMS students placed into OPRF's Freshman math class; Math 1
- Three students moved placements after the start of the year
 - One student moved down a level, this student overrode the initial course recommendation
 - Two students moved from Math IIA to Math II



Ongoing Work at Roosevelt

- D90 ATP and ATP+ Courses: scope and sequence finalization
- Complete 5-8th Grade Scope and Sequence Work
 - Redefine RMS Math courses for clarity
 - New course titles: TBS
- Common Assessment: Review student work in teams
- Continued collaboration with OPRFHS regarding math placement

Thank You!

Questions?



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