

Program Overview

Pacing Guidance for the Year

The chart below provides pacing for *Ready Classroom Mathematics*. Use these guidelines flexibly alongside district calendars to ensure program completion.

M = major standards of a grade
S = supporting standard

		Session 45–60 min.	Focus
Diagnostic Assessment*		2	
Unit 1 Geometric Figures: Rigid Transformations and Congruence			
Lesson 0**	Lessons for the First Five Days <i>Recommended</i>	5	
Lesson 1	Understand Rigid Transformations and Their Properties	3	M
Lesson 2	Work with Single Rigid Transformations in the Coordinate Plane	5	M
Lesson 3	Work with Sequences of Transformations and Congruence	4	M
Math in Action	Rigid Transformations and Congruence <i>Flexibly Scheduled</i>	2	M
Unit 1 Unit Assessment or Digital Comprehension Check		1	
Unit 1 Total Days		20	

Unit 2 Geometric Figures: Transformations, Similarity, and Angle Relationships			
Lesson 4	Understand Dilations and Similarity	3	M
Lesson 5	Perform and Describe Transformations Involving Dilations	4	M
Lesson 6	Describe Angle Relationships	4	M
Lesson 7	Describe Angle Relationships in Triangles	4	M
Math in Action	Add and Subtract Rational Numbers <i>Flexibly Scheduled</i>	2	M
Unit 2 Unit Assessment or Digital Comprehension Check		1	
Unit 2 Total Days		18	

Unit 3 Linear Relationships: Slope, Linear Equations, and Systems			
Lesson 8	Graph Proportional Relationships and Define Slope	4	M
Lesson 9	Derive and Graph Linear Equations of the Form $y = mx + b$	5	M
Lesson 10	Solve Linear Equations in One Variable	4	M
Lesson 11	Determine the Number of Solutions to One-Variable Equations	4	M
Lesson 12	Understand Systems of Linear Equations in Two Variables	3	M
Lesson 13	Solve Systems of Linear Equations Algebraically	5	M
Lesson 14	Represent and Solve Problems with Systems of Linear Equations	4	M
Math in Action	Slope, Linear Equations, and Systems <i>Flexibly Scheduled</i>	2	M
Unit 3 Unit Assessment or Digital Comprehension Check		1	
Unit 3 Total Days		32	
Practice Test or Diagnostic Assessment		2	

Unit 4 Functions: Linear and Non-Linear Relationships			
Lesson 15	Understand Functions	3	M
Lesson 16	Use Functions to Model Linear Relationships	5	M
Lesson 17	Compare Different Representations of Functions	4	M
Lesson 18	Analyze Graphs of Functional Relationships Qualitatively	4	M

*The Diagnostic takes two days to administer. See "Administering the Diagnostic Checklist" on ReadyClassroomCentral.com for information on when to administer.

**Lesson 0 is on the Teacher Digital Experience. See the Classroom Resources tab on the Teacher Toolbox.

Unit 4 Functions: Linear and Non-Linear Relationships *continued*

Math in Action	Linear and Non-Linear Relationships <i>Flexibly Scheduled</i>	2	M
Unit 4 Unit Assessment or Digital Comprehension Check		1	
Unit 4 Total Days		19	

Unit 5 Integer Exponents: Properties and Scientific Notation

Lesson 19	Apply Exponent Properties for Positive Integer Exponents	4	M
Lesson 20	Apply Exponent Properties for All Integer Exponents	4	M
Lesson 21	Express Numbers Using Integer Powers of 10	4	M
Lesson 22	Work with Scientific Notation	5	M
Math in Action	Properties and Scientific Notation <i>Flexibly Scheduled</i>	2	M
Unit 5 Unit Assessment or Digital Comprehension Check		1	
Unit 5 Total Days		20	

Unit 6 Real Numbers: Rational Numbers, Irrational Numbers, and the Pythagorean Theorem

Lesson 23	Find Square Roots and Cube Roots to Solve Problems	4	M
Lesson 24	Express Rational Numbers as Fractions and Decimals	3	M
Lesson 25	Find Rational Approximations of Irrational Numbers	4	M
Lesson 26	Understand the Pythagorean Theorem and Its Converse	3	M
Lesson 27	Apply the Pythagorean Theorem	5	M
Lesson 28	Solve Problems with Volumes of Cylinders, Cones, and Spheres	4	M
Math in Action	Rational Numbers, Irrational Numbers, and the Pythagorean Theorem <i>Flexibly Scheduled</i>	2	M
Unit 6 Unit Assessment or Digital Comprehension Check		1	
Unit 6 Total Days		26	

Unit 7 Statistics: Two-Variable Data and Fitting a Linear Model

Lesson 29	Analyze Scatter Plots and Fit a Linear Model to Data	5	M
Lesson 30	Write and Analyze an Equation for Fitting a Linear Model to Data	4	M
Lesson 31	Understand Two-Way Tables	3	S
Lesson 32	Construct and Interpret Two-Way Tables	4	S
Math in Action	Two-Variable Data and Fitting a Linear Model <i>Flexibly Scheduled</i>	2	S
Unit 7 Unit Assessment or Digital Comprehension Check		1	
Unit 7 Total Days		19	
Practice Test or Diagnostic Assessment		2	

When to Administer a Lesson Quiz or Comprehension Check

Lesson Quizzes or Comprehension Checks are to be given flexibly throughout the pacing of *Ready Classroom Mathematics*. A few options for implementation are:

- **At the start of the Explore session** Before starting a new lesson, provide the Lesson Quiz or Comprehension Check from the previous lesson.
- **At the end of the Refine session** After the completion of the Refine session, provide the Lesson Quiz or Comprehension Check to assess student understanding.
- **In place of the Refine session** If the various data points from the duration of the lesson show student growth and success, provide the Lesson Quiz or Comprehension Check in place of the Refine session activities.