

# Program Overview

## Pacing Guidance for the Year

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

		Session 45–60 min.
<b>Diagnostic Assessment*</b>		<b>2</b>
<b>Unit 1 Geometric Figures: Rigid Transformations and Congruence</b>		
<b>Lesson 0**</b>	Lessons for the First Five Days <i>Recommended</i>	<b>5</b>
<b>Lesson 1</b>	Understand Rigid Transformations and Their Properties	<b>3</b>
<b>Lesson 2</b>	Work with Single Rigid Transformations in the Coordinate Plane	<b>5</b>
<b>Lesson 3</b>	Work with Sequences of Transformations and Congruence	<b>4</b>
<b>Math in Action</b>	Rigid Transformations in the Coordinate Plane <i>Flexibly Scheduled</i>	<b>2</b>
<b>Unit 1 Unit Assessment or Digital Comprehension Check</b>		<b>1</b>
<b>Unit 1 Total Days</b>		<b>20</b>
<b>Unit 2 Geometric Figures: Transformations, Similarity, and Angle Relationships</b>		
<b>Lesson 4</b>	Understand Dilations and Similarity	<b>3</b>
<b>Lesson 5</b>	Perform and Describe Transformations Involving Dilations	<b>4</b>
<b>Lesson 6</b>	Describe Angle Relationships	<b>4</b>
<b>Lesson 7</b>	Describe Angle Relationships in Triangles	<b>4</b>
<b>Math in Action</b>	Dilations, Similarity, and Angle Relationships <i>Flexibly Scheduled</i>	<b>2</b>
<b>Unit 2 Unit Assessment or Digital Comprehension Check</b>		<b>1</b>
<b>Unit 2 Total Days</b>		<b>18</b>
<b>Unit 3 Linear Relationships: Slope, Linear Equations, and Systems</b>		
<b>Lesson 8</b>	Graph Proportional Relationships and Define Slope	<b>4</b>
<b>Lesson 9</b>	Derive and Graph Linear Equations of the Form $y = mx + b$	<b>5</b>
<b>Lesson 10</b>	Solve Linear Equations in One Variable	<b>4</b>
<b>Lesson 11</b>	Determine the Number of Solutions to One-Variable Equations	<b>4</b>
<b>Lesson 12</b>	Understand Systems of Linear Equations in Two Variables	<b>3</b>
<b>Lesson 13</b>	Solve Systems of Linear Equations Algebraically	<b>5</b>
<b>Lesson 14</b>	Represent and Solve Problems with Systems of Linear Equations	<b>4</b>
<b>Math in Action</b>	Linear Relationships and Systems of Equations <i>Flexibly Scheduled</i>	<b>2</b>
<b>Unit 3 Unit Assessment or Digital Comprehension Check</b>		<b>1</b>
<b>Unit 3 Total Days</b>		<b>32</b>
<b>Practice Test or Diagnostic Assessment</b>		<b>2</b>
<b>Unit 4 Functions: Linear and Non-Linear Relationships</b>		
<b>Lesson 15</b>	Understand Functions	<b>3</b>
<b>Lesson 16</b>	Use Functions to Model Linear Relationships	<b>5</b>
<b>Lesson 17</b>	Compare Different Representations of Functions	<b>4</b>
<b>Lesson 18</b>	Analyze Graphs of Functional Relationships Qualitatively	<b>4</b>

\*The Diagnostic takes two days to administer. See *i-Ready Classroom Central* 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 <i>continued</i>		
<b>Math in Action</b>	Functional Relationships <i>Flexibly Scheduled</i>	<b>2</b>
<b>Unit 4 Unit Assessment or Digital Comprehension Check</b>		<b>1</b>
<b>Unit 4 Total Days</b>		<b>19</b>

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

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

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

### When to Administer a Lesson Quiz or Comprehension Check

Lesson Quizzes or Comprehension Checks are to be given flexibly throughout the pacing of *i-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.