

# Pacing for *Ready*® Mathematics

*Ready Mathematics* provides a full year of instruction. The Year-Long Pacing Guide below shows a recommended schedule for teaching when using *Ready* as a core program.

Year-Long Pacing		Grade 4
Ready Instruction Lesson	Days	Minutes/day
PSSA Practice Test 1 or i-Ready Diagnostic	3	60
<b>Lesson 1</b> <i>Understand</i> Place Value	3	45–60
<b>Lesson 2</b> Compare Whole Numbers	3	45–60
<b>Lesson 3</b> Add and Subtract Whole Numbers	5	45–60
<b>Lesson 4</b> Round Whole Numbers	3	45–60
<b>Math in Action</b>	2	45–60
<b>Unit 1</b> PSSA Practice or i-Ready Standards Mastery	<b>1</b>	<b>30–45</b>
<b>Lesson 5</b> <i>Understand</i> Multiplication	3	45–60
<b>Lesson 6</b> Multiplication and Division in Word Problems	5	45–60
<b>Lesson 7</b> Multiples and Factors	5	45–60
<b>Lesson 8</b> Number and Shape Patterns	5	45–60
<b>Lesson 9</b> Model Multi-Step Problems	3	45–60
<b>Lesson 10</b> Solve Multi-Step Problems	3	45–60
<b>Math in Action</b>	2	45–60
<b>Unit 2</b> PSSA Practice or i-Ready Standards Mastery	<b>1</b>	<b>30–45</b>
<b>Lesson 11</b> Multiply Whole Numbers	5	45–60
<b>Lesson 12</b> Divide Whole Numbers	5	45–60
<b>Math in Action</b>	2	45–60
<b>Unit 3</b> PSSA Practice or i-Ready Standards Mastery	<b>1</b>	<b>30–45</b>
<b>Lesson 13</b> <i>Understand</i> Equivalent Fractions	3	45–60
<b>Lesson 14</b> Compare Fractions	5	45–60
<b>Lesson 15</b> <i>Understand</i> Fraction Addition and Subtraction	3	45–60
<b>Lesson 16</b> Add and Subtract Fractions	5	45–60
<b>Lesson 17</b> Add and Subtract Mixed Numbers	5	45–60
<b>Lesson 18</b> <i>Understand</i> Fraction Multiplication	3	45–60
<b>Lesson 19</b> Multiply Fractions	4	45–60
<b>Lesson 20</b> Fractions as Tenths and Hundredths	4	45–60

Ready Instruction Lesson	Days	Minutes/day
<b>Lesson 21</b> Relate Decimals and Fractions	5	45–60
<b>Lesson 22</b> Compare Decimals	5	45–60
<b>Math in Action</b>	2	45–60
<b>Unit 4 PSSA Practice or i-Ready Standards Mastery</b>	<b>1</b>	<b>30–45</b>
<b>PSSA Practice Test 2 or i-Ready Diagnostic</b>	<b>3</b>	<b>60</b>
<b>Lesson 23</b> Convert Measurements	5	45–60
<b>Lesson 23A</b> Time	5	45–60
<b>Lesson 24</b> Money	5	45–60
<b>Lesson 25</b> Length, Liquid Volume, and Mass	5	45–60
<b>Lesson 26</b> Perimeter and Area	5	45–60
<b>Lesson 27</b> Line Plots	5	45–60
<b>Lesson 27A</b> Interpret and Display	5	45–60
<b>Lesson 28</b> <i>Understand</i> Angles	3	45–60
<b>Lesson 29</b> Measure and Draw Angles	5	45–60
<b>Lesson 30</b> Add and Subtract With Angles	5	45–60
<b>Math in Action</b>	2	45–60
<b>Unit 5 PSSA Practice or i-Ready Standards Mastery</b>	<b>1</b>	<b>30–45</b>
<b>Lesson 31</b> Points, Lines, Rays, and Angles	5	45–60
<b>Lesson 32</b> Classify Two-Dimensional Figures	5	45–60
<b>Lesson 33</b> Symmetry	5	45–60
<b>Math in Action</b>	2	45–60
<b>Unit 6 PSSA Practice or i-Ready Standards Mastery</b>	<b>1</b>	<b>30–45</b>


**Ready® Mathematics**  
 PRACTICE AND PROBLEM SOLVING

Use the lesson practice and unit resources in *Practice and Problem Solving* throughout the year to extend classroom learning.

- Send **Family Letters** home separately or as part of a family communication package.
- After completing lesson sections, assign two pages of **rigorous lesson practice** as independent work in class or at home.
- After completing each unit, use Unit Games, Unit Performance Tasks, and Unit Vocabulary to **integrate skills and consolidate learning**.
- Throughout instruction, use **Fluency Skills Practice and Fluency Repeated Reasoning Practice** worksheets to reinforce procedural fluency.

# Pacing for *Ready*<sup>®</sup> *Mathematics*, continued

Each *Ready Mathematics* lesson provides approximately one week of instruction.

A day of instruction assumes 45–60 minutes of mathematics instruction.

Monthly Pacing Guide	
<b>September</b>	<p>Lessons 1–4</p> <p>Unit 1 Math in Action</p>
<b>October</b>	<p>Lessons 5–10</p> <p>Unit 2 Math in Action</p>
<b>November</b>	<p>Lessons 11–12</p> <p>Unit 3 Math in Action</p>
<b>December</b>	Lessons 13–16
<b>January</b>	Lessons 17–21
<b>February</b>	<p>Lessons 22–23A</p> <p>Unit 4 Math in Action</p>
<b>March</b>	Lessons 24–27A
<b>April</b>	<p>Lessons 28–30</p> <p>Unit 5 Math in Action</p>
<b>May</b>	<p>Lessons 31–33</p> <p>Unit 6 Math in Action</p>

Weekly Pacing Guide	Whole Class Instruction	
<p><b>Day 1</b></p> <p>45–60 minutes</p>	<p><b>Toolbox: Interactive Tutorial</b></p> <p>Understand Adding and Subtracting Fractions—Level D</p> <p><b>Introduction</b></p> <ul style="list-style-type: none"> <li>• Use What You Know 10 min</li> <li>• Find Out More 15 min</li> <li>• Reflect 10 min</li> </ul>	<p><b>Practice and Problem Solving</b></p> <p>Assign pages 175–176.</p>
<p><b>Day 2</b></p> <p>45–60 minutes</p>	<p><b>Modeled and Guided Instruction</b></p> <p><b>Learn About Adding Fractions</b></p> <ul style="list-style-type: none"> <li>• Picture It/Model It 20 min</li> <li>• Connect It 10 min</li> <li>• Try It 15 min</li> </ul>	<p><b>Practice and Problem Solving</b></p> <p>Assign pages 177–178.</p>
<p><b>Day 3</b></p> <p>45–60 minutes</p>	<p><b>Modeled and Guided Instruction</b></p> <p><b>Learn About Subtracting Fractions</b></p> <ul style="list-style-type: none"> <li>• Picture It/Model It 10 min</li> <li>• Connect It 20 min</li> <li>• Try It 15 min</li> </ul>	<p><b>Practice and Problem Solving</b></p> <p>Assign pages 179–180.</p>
<p><b>Day 4</b></p> <p>45–60 minutes</p>	<p><b>Guided Practice</b></p> <p><b>Adding and Subtracting Fractions</b></p> <ul style="list-style-type: none"> <li>• Example 5 min</li> <li>• Problems 16–18 15 min</li> <li>• Pair/Share 15 min</li> <li>• Solutions 10 min</li> </ul>	<p><b>Practice and Problem Solving</b></p> <p>Assign pages 181–182.</p>
<p><b>Day 5</b></p> <p>45–60 minutes</p>	<p><b>Independent Practice</b></p> <p><b>Adding and Subtracting Fractions</b></p> <ul style="list-style-type: none"> <li>• Problems 1–6 20 min</li> <li>• Quick Check and Remediation 10 min</li> <li>• Hands-On or Challenge Activity 15 min</li> </ul> <p><b>Toolbox: Lesson Quiz</b></p> <p>Lesson 16 Quiz</p>	

Instruction for each section of the lesson in the Student Book follows a similar routine. The chart below shows the structure and goals for one part of the lesson.

Daily Pacing		~45 minutes
<b>Day 3</b>	<b>Modeled and Guided Instruction</b>	<b>Learn About Subtracting Fractions</b>
<b>Picture It/Model It</b> <i>10 minutes</i>	Teacher guides via Student Instruction Book, promoting rich classroom discussion (Mathematical Discourse questions) and extending learning (Concept Extension) via the Teacher Resource Book	<b>Goal:</b> To engage in mathematical discourse and deepen instruction in the Student Instruction Book
<b>Connect It</b> <i>20 minutes</i>	Teacher facilitates via Student Instruction Book, focusing on a specific Standard for Mathematical Practice (SMP Tip) and using concrete representations to clarify learning (Hands-On Activity) via the Teacher Resource Book	<b>Goal:</b> To help students actively engage with the lesson content
<b>Try It</b> <i>15 minutes</i>	Teacher circulates while students work	<b>Goal:</b> To provide an opportunity for students to practice and apply skills to a new situation
<b>Practice and Problem Solving</b>	Students work independently at home extending learning	<b>Goal:</b> To get additional practice with skills and concept of the lesson