

California Math Curriculum Pacing Guide Grade 7

	Week 1	Week 2
	Domain 1: Ratios and Proportional Reasoning	
Day 1	<p>Lesson Focus Common Core Coach Lesson 1: Computing Unit Rate</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 18–19; 20 min. ● <i>EL Adaptations Lesson 1</i> <p>Before the Lesson Pay attention (pronunciation, spelling, meaning) to the term <i>ratio</i>. Use Before the Lesson. Add examples. Alert students to Glossary.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 2–3 PLUG IN: <i>Build Background</i>. 20 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 2: Identifying Proportional Relationships</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 20–21; 25 min. ● <i>EL Adaptations Lesson 2</i> <p>Understand Review meaning of <i>constant of proportionality</i>, making sure students can compute it when they see a table of equivalent ratios.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 12–13 for POWER UP: <i>Introduce and Model</i>. 15 min. ● <i>Readiness for Common Core</i> below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 1: Computing Unit Rate</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 18–19; 30 min. ● <i>EL Adaptations Lesson 1</i> <p>Example A See EL note on p. 2 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 2–3 for PLUG IN: <i>Introduce and Model</i>. 10 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 2: Identifying Proportional Relationships</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 20–21; 25 min. ● <i>EL Adaptations Lesson 2</i> <p>Connect See special note for EL on p. 12 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 12–13 for POWER UP: <i>Model Application (A, B)</i>. 15 min. ● <i>Readiness for Common Core</i> below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 1: Computing Unit Rate</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 18–19; 25 min. ● <i>EL Adaptations Lesson 1</i> <p>Example B Example C Make sure the idea of <i>unit rate</i> is clear. Offer examples that students are familiar with such as miles per hour, 5 items for 75 cents becomes 15 cents per item. See EL note on p. 4 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 4–5 for POWER UP: <i>Build Background</i>. 15 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 2: Identifying Proportional Relationships</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 20–21; 25 min. ● <i>EL Adaptations Lesson 2</i> <p>Practice Begin Practice with full class vocalizing and explaining Questions 1 and 4, making sure instructions are clear. Go over the main instructions for the rest of Practice to insure full understanding.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 12–13 for POWER UP: <i>Practice and Assess</i>. <i>Extra challenges:</i> see Questions 13 and 14 of <i>Common Core Coach</i>. 25 min. ● <i>Readiness for Common Core</i> below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 1: Computing Unit Rate</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 18–19; 30 min. ● <i>EL Adaptations Lesson 1</i> <p>Practice Review the concept of <i>ratio</i> and add <i>rate</i> and <i>unit rate</i>. Alert students to Glossary.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 4–5 for POWER UP: <i>Practice and Assess</i>. <i>Extra challenges:</i> see Questions 16 and 17 of <i>Common Core Coach</i>. 10 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 3: Representing Proportional Relationships</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 22–23; 25 min. ● <i>EL Adaptations Lesson 3</i> <p>Before the Lesson Carefully explain the headings associated with the tables of Before the Lesson. Explain headings in subsequent tables as required.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 14–17 for READY TO GO: <i>Build Background</i>. 20 min. ● <i>Readiness for Common Core</i> below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 2: Identifying Proportional Relationships</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 20–21; 25 min. ● <i>EL Adaptations Lesson 2</i> <p>Before the Lesson The Before the Lesson has good examples. Add a few more that come from the students. Note the key vocabulary, always found in the <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 12–13 for POWER UP: <i>Build Background</i>. 15 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 3: Representing Proportional Relationships</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 22–23; 20 min. ● <i>EL Adaptations Lesson 3</i> <p>Understand Make sure to reinforce the vocabulary words of Lesson 1 and 2, by asking students to show examples of each one.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> pp. 14–17 for READY TO GO: <i>Introduce and Model</i>. 15 min. ● <i>Readiness for Common Core</i> below level above level

	Week 3	Week 4
Day 1	<p>Lesson Focus Common Core Coach Lesson 3: Representing Proportional Relationships</p> <ul style="list-style-type: none"> Teacher's Manual pp. pp. 22–23; 25 min. EL Adaptations Lesson 3 <p>Connect See p. 14 of <i>Common Core Support Coach Teacher's Manual</i> for a useful note on EL. Make sure students understand that in the equation $y = kx$, k is the constant of proportionality.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual</i> pp. 14–17 for <i>READY TO GO: Work Together</i>. 15 min. <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 4: Word Problems with Ratio and Percent</p> <ul style="list-style-type: none"> Teacher's Manual pp. 24–25; 25 min. EL Adaptations Lesson 4 <p>Examples B, C, and D Remind students that <i>percent</i> is made up of <i>per</i> and <i>cent</i>. Connect to the idea of <i>compared to 100</i>. 15 percent means the ratio of 15 compared to 100. See <i>Before the Lesson</i> for more on <i>percent</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual</i> pp. 22–25 for <i>READY TO GO: Support Independent Practice</i>. 15 min. <i>Readiness for Common Core</i> below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 3: Representing Proportional Relationships</p> <ul style="list-style-type: none"> Teacher's Manual pp. 22–23; 30 min. EL Adaptations Lesson 3 <p>Practice Explain the Questions 1 and 3, making sure instructions are clear. Go over the main instructions for the rest of <i>Practice</i> to insure full understanding.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual</i> pp. 14–17 for <i>READY TO GO: Support Independent Practice</i>. <i>Extra challenges</i>: see Questions 13 and 14 of <i>Common Core Coach</i>. 10 min. <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 4: Word Problems with Ratio and Percent</p> <ul style="list-style-type: none"> Teacher's Manual pp. 24–25; 25 min. EL Adaptations Lesson 4 <p>Practice It is important to read these questions to students so that each one is clear and understood before students get started. A designated appropriate reader among the students might work.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual</i> pp. 22–25 for <i>READY TO GO: Problem Solving</i>. <i>Extra challenges</i>: see Questions 11 and 12 of <i>Common Core Coach</i> 15 min. <i>Readiness for Common Core</i> below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 4: Word Problems with Ratio and Percent</p> <ul style="list-style-type: none"> Teacher's Manual pp. 24–25; 25 min EL Adaptations Lesson 4 <p>Before the Lesson Explain how equations can represent relationships among numbers. Add examples to the ones found in the <i>Before the Lesson</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual</i> pp. 18–19 for <i>PLUG IN: Build Background</i>. 15 min. <i>Readiness for Common Core</i> below level above level 	<p>Review and Assess Common Core Coach Domain 1 Review</p> <ul style="list-style-type: none"> <i>Student Edition</i> pp. 24–25; 40 min. <i>Teacher's Manual</i> p. 91 <p>Questions 1–13 Ask students to take a look at instructions on these pages, the first half of the <i>Review</i>. Make sure all instructions are clear. See <i>Progression Chart</i> on pp. 16–17 (<i>Teacher's Manual</i>) for a view of progressions connecting the Lessons of Domain 1.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions.</p>
Day 4	<p>Lesson Focus Common Core Coach Lesson 4: Word Problems with Ratio and Percent</p> <ul style="list-style-type: none"> Teacher's Manual pp. 24–25; 20 min EL Adaptations Lesson 4 <p>The Four Steps for Problem Solving Go over the four steps for problem solving, explaining the role of each step. Use sample problems to clarify each step. Discuss each problem with the class before students start working on it.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual</i> pp. 22–25 for <i>READY TO GO: Build Background</i>. 20 min. <i>Readiness for Common Core</i> below level above level 	<p>Review and Assess Common Core Coach Domain 1 Review</p> <ul style="list-style-type: none"> <i>Student Edition</i> pp. 26–27; 40 min. <i>Teacher's Manual</i> pp. 91–92 <p>Questions 14–17 & Performance Task Go over the questions and discuss. Pay special attention to the <i>Performance Task</i> on p. 27. Ask students to take a look at instructions on these pages, the second half of the <i>Review</i>. In particular, clarify any doubts with respect to <i>Performance Task (Population Predictions)</i> on p. 27. See <i>Progression Chart</i> on pp. 16–17 (<i>Teacher's Manual</i>) for a view of progressions connecting the Lessons of Domain 1.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions. Note extra challenges: Questions 16 and 17.</p>
Day 5	<p>Lesson Focus Common Core Coach Lesson 4: Word Problems with Ratio and Percent</p> <ul style="list-style-type: none"> Teacher's Manual pp. 24–25; 30 min EL Adaptations Lesson 4 <p>Example A Solving the Problem Make sure the question of the problem is clear. See p. 22 of <i>Common Core Support Coach Teacher's Manual</i> for a useful suggestion for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual</i> pp. 22–25 for <i>READY TO GO: Introduce and Model</i>. 10 min. <i>Readiness for Common Core</i> below level above level 	<p>Review and Assess Common Core Coach Domain 1 Assessment</p> <ul style="list-style-type: none"> <i>Assessments</i> pp. 4–7; 40 min. <i>Assessments Answer Keys</i> p. 4 <p>Questions 1–15 Provide extra time for assessments and provide readers to read word problems to students.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>

	Week 5	Week 6
Day 1	<p>Review and Assess Common Core Coach Domain 1 Assessment</p> <ul style="list-style-type: none"> Assessments pp. 8–11; 40 min. Assessments Answer Keys pp. 4–6 <p>Questions 16–20 Provide clear explanation of questions.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>	<p>Lesson Focus Common Core Coach Lesson 5: Adding and Subtracting Rational Numbers</p> <ul style="list-style-type: none"> Teacher’s Manual pp. 28–29; 30 min. EL Adaptations Lesson 5 <p>Practice Use the number line as needed. Refer back to earlier parts of the lesson for help with vocabulary.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher’s Manual pp. 38–41 for READY TO GO: Practice and Assess. Extra challenge: Question 16 of Common Core Coach. 15 min. Readiness for Common Core below level above level
Day 2	<p>Domain 2: The Number System</p> <p>Lesson Focus Common Core Coach Lesson 5: Adding and Subtracting Rational Numbers</p> <ul style="list-style-type: none"> Teacher’s Manual pp. 28–29; 20 min. EL Adaptations Lesson 5 <p>Before the Lesson The number line will be an invaluable tool throughout, so use the Before the Lessons suggestions and add more.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher’s Manual pp. 34–35 for PLUG IN Build Background. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 6: Applying Properties of Operations to Add and Subtract Rational Numbers</p> <ul style="list-style-type: none"> Teacher’s Manual pp. 30–32; 20 min. EL Adaptations Lesson 6 <p>Before the Lesson A few properties may be familiar, but they will need review to be understood. One way is to ask students to give examples for each operation.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher’s Manual pp. 76–77 for POWER UP: GO: Build Background. 20 min. Readiness for Common Core below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 5: Adding and Subtracting Rational Numbers</p> <ul style="list-style-type: none"> Teacher’s Manual pp. 28–29; 30 min. EL Adaptations Lesson 5 <p>Connect See advice on EL, p. 36 of <i>Common Core Support Coach Teacher’s Manual</i>. This is a good place to check understanding of additive inverse; use examples.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher’s Manual pp. 36–37 for POWER UP: Build Background. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 6: Applying Properties of Operations to Add and Subtract Rational Numbers</p> <ul style="list-style-type: none"> Teacher’s Manual pp. 30–32; 30 min. EL Adaptations Lesson 6 <p>Example A Example B See p. 76 of <i>Common Core Support Coach Teacher’s Manual</i> for a useful advice for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher’s Manual pp. 76–77 for POWER UP: GO: Introduce and Model. 10 min. Readiness for Common Core below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 5: Adding and Subtracting Rational Numbers</p> <ul style="list-style-type: none"> Teacher’s Manual pp. 28–29; 30 min. EL Adaptations Lesson 5 <p>Example A Example B See advice on EL, p. 38 of <i>Common Core Support Coach Teacher’s Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher’s Manual pp. 36–37 for POWER UP: Model Applications. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 6: Applying Properties of Operations to Add and Subtract Rational Numbers</p> <ul style="list-style-type: none"> Teacher’s Manual pp. 30–32; 30 min. EL Adaptations Lesson 6 <p>Example C Example D Make it clear what the different properties are before beginning these Examples.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher’s Manual pp. 76–77 for POWER UP: Model Application. 10 min. Readiness for Common Core below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 5: Adding and Subtracting Rational Numbers</p> <ul style="list-style-type: none"> Teacher’s Manual pp. 28–29; 20 min. EL Adaptations Lesson 5 <p>Problem Solving Read the problem to students and make sure each step is clear. See further advice in <i>Common Core Support Coach Teacher’s Manual</i>: p. 40 on problem solving.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher’s Manual pp. 38–41 for READY TO GO: Problem Solving. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 6: Applying Properties of Operations to Add and Subtract Rational Numbers</p> <ul style="list-style-type: none"> Teacher’s Manual pp. 30–32; 30 min. EL Adaptations Lesson 6 <p>Practice Point out that “Simplify” means to find a way to make computation easier. See p. 79 of <i>Common Core Support Coach Teacher’s Manual</i> for additional advice for these pages.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher’s Manual pp. 76–77 for POWER UP: Practice and Assess. Extra challenges can be found on p. 39, Questions 13 and 14 of Common Core Coach. 10 min. Readiness for Common Core below level above level

	Week 7	Week 8
Day 1	<p>Lesson Focus Common Core Coach Lesson 7: Multiplying Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 32–33; 20 min. EL Adaptations Lesson 7 <p>Before the Lesson Check out the word list on p. 32 of <i>Teacher's Manual</i> to make sure understand each property.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> pp. 42–43 for PLUG IN: <i>Build Background</i>. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 8: Dividing Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 34–35; 30 min. EL Adaptations Lesson 8 <p>Before the Lesson See Before the Lesson for a discussion of fact families and how division and multiplication are connected.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> for POWER UP: <i>Build Background</i>. pp. 52–53. 20 min. Readiness for Common Core below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 7: Multiplying Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 32–33; 30 min. EL Adaptations Lesson 7 <p>Understand-Connect See p. 44 of <i>Common Core Support Coach Teacher's Manual</i> for a useful suggestion.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> pp. 44–45 for POWER UP: <i>Build Background</i>. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 8: Dividing Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 34–35; 30 min. EL Adaptations Lesson 8 <p>Understand-Connect See p. 52 of <i>Common Core Support Coach Teacher's Manual</i> for a useful tip for EL Remind students of inverse operations.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> for POWER UP: <i>Introduce and Model</i> (1st two parts). pp. 52–53. 10 min. Readiness for Common Core below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 7: Multiplying Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 32–33; 25 min. EL Adaptations Lesson 7 <p>Example A Explain <i>multiplicative inverse</i> with simple examples.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> pp. 44–45 for POWER UP: <i>Introduce and Model</i>. 15 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 8: Dividing Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 34–35; 30 min. EL Adaptations Lesson 8 <p>Example A Show how properties can be useful when there are several operations. Do not forget to bring back a clear definition of <i>reciprocal</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> for POWER UP: <i>Introduce and Model—Model Application (A-C)</i>. pp. 52–53. 10 min. Readiness for Common Core below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 7: Multiplying Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 32–33; 25 min. EL Adaptations Lesson 7 <p>Example B and Problem Solving Explain <i>distributive property</i> with simple examples. Ask someone to read the problem, and make sure it is clear.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> pp. 44–45 for POWER UP: <i>Model Application</i>. 15 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 8: Dividing Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 34–35; 30 min. EL Adaptations Lesson 8 <p>Example B and Problem Solving Division problems with fractions can be tricky, so make sure the question is clear. Go over the four steps used to solve problems.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> for POWER UP: <i>Support Discussion</i>. pp. 52–53. 10 min. Readiness for Common Core below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 7: Multiplying Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 32–33; 30 min. EL Adaptations Lesson 7 <p>Practice Alert students to the signs of the numbers and to use the properties to make computation simpler. Read the word problems to students.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> pp. 44–45 for POWER UP: <i>Practice and Assess</i>. Extra challenge: Questions 18 and 19 of <i>Common Core Coach</i>. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 8: Dividing Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 34–35; 30 min. EL Adaptations Lesson 8 <p>Practice Make sure all the words (expression, undefined, etc.) in the instructions are understood.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach <i>Teacher's Manual</i> for POWER UP: <i>Practice and Assess</i>. pp. 52–53. Extra challenge: Questions 21 and 22 of <i>Common Core Coach</i>. 10 min. Readiness for Common Core below level above level

	Week 9	Week 10
Day 1	<p>Lesson Focus Common Core Coach Lesson 9: Converting Rational Numbers to Decimals</p> <ul style="list-style-type: none"> Teacher's Manual pp. 36–37; 20 min. EL Adaptations Lesson 9 <p>Before the Lesson Alert: have students kept up with previously mastered fluencies? These cannot be relaxed, so perhaps a check-up is in order.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: Build Background. pp. 18–19. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 10: Problem Solving: Complex Fractions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 38–39; 20 min. EL Adaptations Lesson 10 <p>Splitting Silver Read the problem to students, making sure all words are understood.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for POWER UP: Introduce and Model. pp. 60–61. 20 min. Readiness for Common Core below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 9: Converting Rational Numbers to Decimals</p> <ul style="list-style-type: none"> Teacher's Manual pp. 36–37; 30 min. EL Adaptations Lesson 9 <p>Understand See p. 18 of <i>Common Core Support Coach Teacher's Manual</i> for useful EL advice. Yes, use Math Tools as suggested.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: Introduce and Apply. pp. 18–19. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 10: Problem Solving: Complex Fractions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 38–39; 20 min. EL Adaptations Lesson 10 <p>Banana Bread Loaf Recipe Read the problem to students, making sure all words are understood.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for POWER UP: Model Application. pp. 60–61. 20 min. Readiness for Common Core below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 9: Converting Rational Numbers to Decimals</p> <ul style="list-style-type: none"> Teacher's Manual pp. 36–37; 30 min. EL Adaptations Lesson 9 <p>Connect Remind students they will have to remember the rules about operations with negative and positive numbers. Long division requires that students are careful with placement of digitals.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: Model Application. pp. 18–19. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 10: Problem Solving: Complex Fractions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 38–39; 20 min. EL Adaptations Lesson 10 <p>Practice Remind students to employ the 4-step process for problem solving. Explain what a multi-step problem is.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for POWER UP: Practice and Assess. pp. 60–61. 20 min. Readiness for Common Core below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 9: Converting Rational Numbers to Decimals</p> <ul style="list-style-type: none"> Teacher's Manual pp. 36–37; 30 min. EL Adaptations Lesson 9 <p>Practice Go over the four steps used to solve problems. Always reinforce place value in reading decimals and performing operations.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: Practice and Assess. pp. 18–19. Extra challenge: Questions 19 and 20 of Common Core Coach. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 11: Problem Solving: Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 40–41; 20 min. EL Adaptations Lesson 11 <p>Before the Lesson Remind students: Although key words in problems can be helpful, you have to be careful that you do not overuse this technique (key word). It is important to look at the entire problem, determine what is being asked, and come up with a plan.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for READY TO GO: Build Background. pp. 62–65; 20 min. Readiness for Common Core below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 10: Problem Solving: Complex Fractions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 38–39; 20 min. EL Adaptations Lesson 10 <p>Before the Lesson Explain what a complex fraction is. Explain how to simplify a complex fraction.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for POWER UP: Build Background. pp. 60–61. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 11: Problem Solving: Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 40–41; 30 min. EL Adaptations Lesson 11 <p>The Weight of Kate's Cat In this problem, a key word is “gained” and in this case, the word helps with the overall plan.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for READY TO GO: Introduce and Model. pp. 62–65; 10 min. Readiness for Common Core below level above level

	Week 11	Week 12
Day 1	<p>Lesson Focus Common Core Coach Lesson 11: Problem Solving: Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 40–41; 30 min. EL Adaptations Lesson 11 <p>Model Train Track Length Explain this problem as it seems to have a few words that may not be familiar ones.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Work Together</i>. pp. 62–65; 10 min. Readiness for Common Core below level above level 	<p>Review and Assess Common Core Coach Domain 2 Assessment</p> <ul style="list-style-type: none"> Assessments pp. 17–20; 40 min. Assessments Answer Keys pp. 7–9 <p>Questions 21–25 Provide clear explanation of questions.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>
Day 2	<p>Lesson Focus Common Core Coach Lesson 11: Problem Solving: Rational Numbers</p> <ul style="list-style-type: none"> Teacher's Manual pp. 40–41; 30 min. EL Adaptations Lesson 11 <p>Practice Advise students: do not rush through a problem; read and understand to make sure you know what the goal is, if necessary, read the problem several times.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Support Independent Practice</i>. pp. 62–65; 10 min. Readiness for Common Core below level above level 	<p>Domain 3: Expressions and Equations</p> <p>Lesson Focus Common Core Coach Lesson 12: Writing Equivalent Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 44–45; 20 min. EL Adaptations Lesson 12 <p>Before the Lesson See Before the Lesson. Suggest other instances of translating from real world to expressions; show simplification.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>PLUG IN: Introduce and Model</i>. pp. 66–67. 20 min. Readiness for Common Core below level above level
Day 3	<p>Review and Assess Common Core Coach Domain 2 Review</p> <ul style="list-style-type: none"> Student Edition pp. 64–65; 40 min. Teacher's Manual pp. 99–100 <p>Questions 1–23 Go over the questions and discuss. Ask students to take a look at instructions on these pages, the first half of the Review. Make sure all instructions are clear. See Progression Chart on pp. 26–27 (<i>Teacher's Manual</i>) for a view of progressions connecting the Lessons of Domain 2.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions.</p>	<p>Lesson Focus Common Core Coach Lesson 12: Writing Equivalent Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 44–45; 20 min. EL Adaptations Lesson 12 <p>Example A Explain special vocabulary such as <i>like</i>, <i>coefficient</i>, <i>terms</i>, and <i>variable</i>. See p. 66 of <i>Common Core Support Coach Teacher's Manual</i> for a useful tip for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>PLUG IN: Model Application</i>. pp. 66–67; 20 min. Readiness for Common Core below level above level
Day 4	<p>Review and Assess Common Core Coach Domain 2 Review</p> <ul style="list-style-type: none"> Student Edition pp. 66–67; 40 min. Teacher's Manual pp. 100–101 <p>Questions 24–27 & Performance Task Go over the questions and discuss. Pay special attention to the Performance Task on p. 67. Ask students to take a look at instructions on these pages, the second half of the Review. In particular, clarify any doubts with respect to Performance Task (<i>Rational Numbers Game</i>) on p. 67. See Progression Chart on pp. 26–27 (<i>Teacher's Manual</i>) for a view of progressions connecting the Lessons of Domain 2.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions. Note extra challenges: Questions 26 and 27.</p>	<p>Lesson Focus Common Core Coach Lesson 12: Writing Equivalent Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 44–45; 20 min. EL Adaptations Lesson 12 <p>Example B See p. 68 of <i>Common Core Support Coach Teacher's Manual</i> for a useful tip for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Introduce and Model</i>. pp. 68–69. 20 min. Readiness for Common Core below level above level
Day 5	<p>Review and Assess Common Core Coach Domain 2 Assessment</p> <ul style="list-style-type: none"> Assessments pp. 12–16; 40 min. Assessments Answer Keys p. 7 <p>Questions 1–20 Provide extra time for assessments and provide readers to read word problems to students.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>	<p>Lesson Focus Common Core Coach Lesson 12: Writing Equivalent Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 44–45; 20 min. EL Adaptations Lesson 12 <p>Example C See p. 71 of <i>Common Core Support Coach Teacher's Manual</i> for a useful tip for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Build Background</i>. pp. 70–73. 20 min. Readiness for Common Core below level above level

	Week 13	Week 14
Day 1	<p>Lesson Focus Common Core Coach Lesson 12: Writing Equivalent Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 44–45; 20 min. EL Adaptations Lesson 12 <p>Practice Spell out all instructions; explain what needs to be done in each section.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Support Independent Practice</i>. pp. 70–73. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 13: Factoring and Expanding Linear Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 46–47; 30 min. EL Adaptations Lesson 13 <p>Practice Warn students of the different vocabulary in this Practice. Go over key words.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Practice and Assess</i>. pp. 70–73. 10 min. Readiness for Common Core below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 13: Factoring and Expanding Linear Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 46–47; 20 min. EL Adaptations Lesson 13 <p>Before the Lesson Explain factor as in 6 is a factor of 18; and as in 6 is a factor of $6xy$; and as a factor of $(18 + 30y)$.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Build Background</i>. pp. 68–69. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 14: Adding and Subtracting Algebraic Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 48–49; 20 min. EL Adaptations Lesson 14 <p>Before the Lesson See Before the Lesson.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Build Background</i>. pp. 68–69. 20 min. Readiness for Common Core below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 13: Factoring and Expanding Linear Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 46–47; 20 min. EL Adaptations Lesson 13 <p>Example A Review special vocabulary such as <i>like</i>, <i>coefficient</i>, <i>terms</i>, <i>expand</i>, and <i>variable</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Introduce and Model</i>. pp. 68–69. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 14: Adding and Subtracting Algebraic Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 48–49; 20 min. EL Adaptations Lesson 14 <p>Example A See p. 66 of <i>Common Core Support Coach Teacher's Manual</i> for useful suggestions for EL. Review distributive and associative properties.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Introduce and Model</i>. pp. 68–69. 20 min. Readiness for Common Core below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 13: Factoring and Expanding Linear Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 46–47; 20 min. EL Adaptations Lesson 13 <p>Example B Explain GCF first with numbers, then with expressions.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Model Application</i>. pp. 68–69. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 14: Adding and Subtracting Algebraic Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 48–49; 20 min. EL Adaptations Lesson 14 <p>Example B Example C See p. 68 of <i>Common Core Support Coach Teacher's Manual</i> for useful suggestions for EL. Review like terms and how to identify them.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Model Application</i>. pp. 68–69. 20 min. Readiness for Common Core below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 13: Factoring and Expanding Linear Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 46–47; 20 min. EL Adaptations Lesson 13 <p>Example C Explain the difference between factoring completely and not factoring completely.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Build Background</i>. pp. 68–69. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 14: Adding and Subtracting Algebraic Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 48–49; 20 min. EL Adaptations Lesson 14 <p>Example D See p. 71 of <i>Common Core Support Coach Teacher's Manual</i> for useful suggestions for EL. Make sure students understand simplify.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Build Background</i>. pp. 70–73. 20 min. Readiness for Common Core below level above level

	Week 15	Week 16
Day 1	<p>Lesson Focus Common Core Coach Lesson 14: Adding and Subtracting Algebraic Expressions</p> <ul style="list-style-type: none"> Teacher's Manual pp. 48–49; 20 min. EL Adaptations Lesson 14 <p>Practice Review key language dealing with instructions.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Support Independent Practice</i>. pp. 70–73. Extra challenge: Questions 23 and 24 of Common Core Coach. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 16: Word Problems with Equations This Standard (7.EE.4) requires fluency. See pp. A11–A16.</p> <ul style="list-style-type: none"> Teacher's Manual pp. 52–53; 20 min. EL Adaptations Lesson 16 <p>Before the Lesson See Before the Lesson. Make that drawing or use a balance scale to mimic the example of the subtraction property of equality. This property will be used many times.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>PLUG IN: Model Application</i>. pp. 90–91. 20 min. Readiness for Common Core below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 15: Problem Solving: Algebraic Expressions and Equations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 50–51; 20 min. EL Adaptations Lesson 15 <p>Before the Lesson See Before the Lesson.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Introduce Concepts and Vocabulary</i>. pp. 76–77. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 16: Word Problems with Equations This Standard (7.EE.4) requires fluency. See pp. A11–A16.</p> <ul style="list-style-type: none"> Teacher's Manual pp. 52–53; 25 min. EL Adaptations Lesson 16 <p>Example A Example B Explain the addition and subtraction property of equality. See p. 90 of <i>Common Core Support Coach Teacher's Manual</i> for useful suggestions for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Introduce and Model</i>. pp. 92–93. 15 min. Readiness for Common Core below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 15: Problem Solving: Algebraic Expressions and Equations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 50–51; 30 min. EL Adaptations Lesson 15 <p>Maria's Earnings Read problem to students making sure they understand all steps of the 4–step process. See p. 74 of <i>Common Core Support Coach Teacher's Manual</i> for useful suggestions for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Support Discussion</i>. pp. 76–77. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 16: Word Problems with Equations This Standard (7.EE.4) requires fluency. See pp. A11–A16.</p> <ul style="list-style-type: none"> Teacher's Manual pp. 52–53; 30 min. EL Adaptations Lesson 16 <p>Example C Example D See p. 92 of <i>Common Core Support Coach Teacher's Manual</i> for useful suggestions for EL. Explain the addition property of equality.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Introduce and Model</i>. pp. 92–93. 10 min. Readiness for Common Core below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 15: Problem Solving: Algebraic Expressions and Equations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 50–51; 30 min. EL Adaptations Lesson 15 <p>Hakeem's Stocks Make all parts of this problem clear. See p. 76 of <i>Common Core Support Coach Teacher's Manual</i> for useful suggestions for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Work Together</i>. pp. 78–81. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 16: Word Problems with Equations This Standard (7.EE.4) requires fluency. See pp. A11–A16.</p> <ul style="list-style-type: none"> Teacher's Manual pp. 52–53; 30 min. EL Adaptations Lesson 16 <p>Example E Example F and Problem Solving Explain that some equations take 2 steps to solve. See p. 94 of <i>Common Core Support Coach Teacher's Manual</i> for useful suggestions for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Introduce and Model</i>. pp. 94–97. 10 min. Readiness for Common Core below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 15: Problem Solving: Algebraic Expressions and Equations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 50–51; 30 min. EL Adaptations Lesson 15 <p>Practice Afford students assistance with vocabulary and understanding of the word problems. See p. 79 of <i>Common Core Support Coach Teacher's Manual</i> for useful suggestions for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Support Independent Practice</i>. pp. 78–81. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 16: Word Problems with Equations This Standard (7.EE.4) requires fluency. See pp. A11–A16.</p> <ul style="list-style-type: none"> Teacher's Manual pp. 52–53; 30 min. EL Adaptations Lesson 16 <p>Practice Review the 4–step process for problem solving. See Observation and Action at the bottom of <i>Common Core Support Coach Teacher's Manual</i>, p. 93.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Support Independent Practice</i>. pp. 94–97. Extra challenges: Questions 22 and 23 of Common Core Coach. 10 min. Readiness for Common Core below level above level

	Week 17	Week 18
Day 1	<p>Lesson Focus Common Core Coach Lesson 17: Word Problems with Inequalities</p> <ul style="list-style-type: none"> Teacher's Manual pp. 54–55; 20 min. EL Adaptations Lesson 17 <p>Before the Lesson Explain solution set for equations and inequalities.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for POWER UP: Build Background. pp. 100–101. 20 min. Readiness for Common Core below level above level 	<p>Review and Assess Common Core Coach Domain 3 Review</p> <ul style="list-style-type: none"> Student Edition pp. 98–99; 40 min. Teacher's Manual p. 108 <p>Questions 1–13 Go over the questions and discuss. Ask students to take a look at instructions on these pages, the first half of the Review. Make sure all instructions are clear. See Progression Chart on pp. 42–43 (Teacher's Manual) for a view of progressions connecting the Lessons of Domain 3.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions.</p>
Day 2	<p>Lesson Focus Common Core Coach Lesson 17: Word Problems with Inequalities</p> <ul style="list-style-type: none"> Teacher's Manual pp. 54–55; 30 min. EL Adaptations Lesson 17 <p>Example A Example B Explain that the solution set of an inequality can often be made up of an infinite number of solutions. Show this on a graph (Example A). Explain infinite. Make the point about what happens when you multiply or divide by a negative number.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for POWER UP: Introduce and Model. pp. 100–101. 10 min. Readiness for Common Core below level above level 	<p>Review and Assess Common Core Coach Domain 3 Review</p> <ul style="list-style-type: none"> Student Edition pp. 99–101; 40 min. Teacher's Manual p. 108 <p>Questions 14–23 & Performance Task Go over the questions and discuss. Pay special attention to the Performance Task on p. 101. Ask students to take a look at instructions on these pages, the second half of the Review. In particular, clarify any doubts with respect to Performance Task (Always, Sometimes, Never) on p. 101. See Progression Chart on pp. 42–43 (Teacher's Manual) for a view of progressions connecting the Lessons of Domain 3.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions. Note extra challenges: Questions 22 and 23.</p>
Day 3	<p>Lesson Focus Common Core Coach Lesson 17: Word Problems with Inequalities</p> <ul style="list-style-type: none"> Teacher's Manual pp. 54–55; 30 min. EL Adaptations Lesson 17 <p>Example C Example D Warn students about multiplying or dividing by a negative number.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for READY TO GO: Build Background. pp. 102–105. 10 min. Readiness for Common Core below level above level 	<p>Review and Assess Common Core Coach Domain 3 Assessment</p> <ul style="list-style-type: none"> Assessments pp. 22–24; 40 min. Assessments Answer Keys p. 10 <p>Questions 1–15 Provide extra time for assessments and provide readers to read word problems to students.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>
Day 4	<p>Lesson Focus Common Core Coach Lesson 17: Word Problems with Inequalities</p> <ul style="list-style-type: none"> Teacher's Manual pp. 54–55; 30 min. EL Adaptations Lesson 17 <p>Example E and Problem Solving See p. 100 of Common Core Support Coach Teacher's Manual for useful suggestions for EL. Review the 4–step process for problem solving.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for READY TO GO: Work Together. pp. 102–105. 10 min. Readiness for Common Core below level above level 	<p>Review and Assess Common Core Coach Domain 3 Assessment</p> <ul style="list-style-type: none"> Assessments pp. 25–29; 40 min. Assessments Answer Keys pp. 10–12 <p>Questions 16–20 Provide clear explanation of questions.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>
Day 5	<p>Lesson Focus Common Core Coach Lesson 17: Word Problems with Inequalities</p> <ul style="list-style-type: none"> Teacher's Manual pp. 54–55; 30 min. EL Adaptations Lesson 17 <p>Practice See Observation and Action at the bottom of Common Core Support Coach Teacher's Manual, p. 105.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for READY TO GO: Support Independent Practice. pp. 102–105. Extra challenges: Questions 17 and 18 of Common Core Coach. 10 min. Readiness for Common Core below level above level 	<p>Domain 4: Geometry</p> <p>Lesson Focus Common Core Coach Lesson 18: Scale Drawings</p> <ul style="list-style-type: none"> Teacher's Manual pp. 58–59; 30 min. EL Adaptations Lesson 18 <p>Understand See Before the Lesson. Add more examples of scale drawings. Ask: Where do we find scale drawings?</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: Build Background Introduce and Model. pp. 106–107. 10 min. Readiness for Common Core below level above level

	Week 19	Week 20
Day 1	<p>Lesson Focus Common Core Coach Lesson 18: Scale Drawings</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 58–59; 30 min. ● <i>EL Adaptations Lesson 18</i> <p>Connect See p. 107 of <i>Common Core Support Coach Teacher's Manual</i> for a useful suggestion for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> for POWER UP: Introduce and Model, pp. 108–109. 10 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 19: Drawing Geometric Shapes</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 60–61; 30 min. ● <i>EL Adaptations Lesson 19</i> <p>Understand Read the instructions for this page so all steps are clearly understood.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Practice Drawing Figures</i> Offer a variety of figures to draw with ruler and protractor. 10 min. ● <i>Readiness for Common Core</i> below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 18: Scale Drawings</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 58–59; 30 min. ● <i>EL Adaptations Lesson 18</i> <p>Example A Ask: where do we hear the word <i>scale</i> outside of math class? Discuss. Remind students of the Math Tool for formulas for area.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> for POWER UP: Model Application, pp. 108–109. 10 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 19: Drawing Geometric Shapes</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 60–61; 30 min. ● <i>EL Adaptations Lesson 19</i> <p>Connect Read the instructions for this page so all steps are clearly understood. Point out the right triangle. Move slowly through this page. Add additional examples to make the use of ruler and protractor comfortable.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Practice Drawing Figures</i> Offer a variety of figures to draw with ruler and protractor. 10 min. ● <i>Readiness for Common Core</i> below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 18: Scale Drawings</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 58–59; 30 min. ● <i>EL Adaptations Lesson 18</i> <p>Example B See Before the Lesson. See also: note for EL on p. 106 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> for POWER UP: Support Discussion, pp. 108–109. 10 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 19: Drawing Geometric Shapes</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 60–61; 30 min. ● <i>EL Adaptations Lesson 19</i> <p>Practice Move through this Practice in sections, the first 2 Questions, then 2 more, each time checking student work.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Practice Drawing Figures</i> Offer a variety of figures to draw with ruler and protractor. For extra challenges: Questions 11 and 12 of <i>Common Core Coach</i>. 10 min. ● <i>Readiness for Common Core</i> below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 18: Scale Drawings</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 58–59; 20 min. ● <i>EL Adaptations Lesson 18</i> <p>Practice See note for EL on p. 108 of <i>Common Core Support Coach Teacher's Manual</i>. Read each word problem to students if necessary, and make sure all directions are clear.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual</i> for POWER UP: Practice and Assess, pp. 108–109. 20 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 20: Examining Cross Sections of Three-Dimensional Figures</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 62–63; 20 min. ● <i>EL Adaptations Lesson 20</i> <p>Before the Lesson The vocabulary list is long. Even though students may have heard a few of the three-dimensional figures before, make sure they can identify all of the figures listed on p. 62. See Before the Lesson.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Name that Figure</i> Describe in words one of the three-dimensional figures and ask students to tell which figure it is. Continue doing this until students can identify all figures. 20 min. ● <i>Readiness for Common Core</i> below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 19: Drawing Geometric Shapes</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 60–61; 30 min. ● <i>EL Adaptations Lesson 19</i> <p>Before the Lesson See Before the Lesson. Explain the roles of protractor and ruler. Observe students as they make drawings. Review the meaning of <i>measure of an angle</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Understanding the Protractor</i> Expect a few students to have difficulty with using a protractor. Explain carefully the methodology and purpose of this instrument. Provide many examples of angles. 10 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 20: Examining Cross Sections of Three-Dimensional Figures</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 62–63; 20 min. ● <i>EL Adaptations Lesson 20</i> <p>Understand Continue to work on the vocabulary list. The word <i>cross section</i> is especially important. Ask students to use this word in sentences.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Name that Figure</i> Show a model of one of the three-dimensional figures and ask students to tell which figure it is. Continue doing this until students can identify all figures. 20 min. ● <i>Readiness for Common Core</i> below level above level

	Week 21	Week 22
Day 1	<p>Lesson Focus Common Core Coach Lesson 20: Examining Cross Sections of Three-Dimensional Figures <ul style="list-style-type: none"> Teacher's Manual pp. 62–63; 30 min. EL Adaptations Lesson 20 </p> <p>Connect Have students mastered <i>cross section</i>? Ask where else can you use this word?</p> <p>Differentiation Options <ul style="list-style-type: none"> Name that Cross Section Show a model of one of the three-dimensional figures and ask students to identify the cross section figure that results when a plane cuts it at various places. 10 min. Readiness for Common Core below level above level </p>	<p>Lesson Focus Common Core Coach Lesson 21: Area and Circumference of Circles <ul style="list-style-type: none"> Teacher's Manual pp. 64–65; 30 min. EL Adaptations Lesson 21 </p> <p>Example Study this Example as it illustrates working backwards to find the radius (from the circumference) first before computing the area. Step this off carefully.</p> <p>Differentiation Options <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for POWER UP: Practice and Assess. pp. 116–117. 10 min. Readiness for Common Core below level above level </p>
Day 2	<p>Lesson Focus Common Core Coach Lesson 20: Examining Cross Sections of Three-Dimensional Figures <ul style="list-style-type: none"> Teacher's Manual pp. 62–63; 30 min. EL Adaptations Lesson 20 </p> <p>Practice Read each problem to students if necessary, and make sure all directions are clear.</p> <p>Differentiation Options <ul style="list-style-type: none"> Name that Cross Section Show additional models of one of the three-dimensional figures and ask students to identify the cross-section figure that results when a plane cuts the three-dimensional figure at various places. 10 min. Readiness for Common Core below level above level </p>	<p>Lesson Focus Common Core Coach Lesson 21: Area and Circumference of Circles <ul style="list-style-type: none"> Teacher's Manual pp. 64–65; 30 min. EL Adaptations Lesson 21 </p> <p>Practice See p. 117 of <i>Common Core Support Coach Teacher's Manual</i> – Observation-Action table. Read problems to students and ask questions about what problems are asking for.</p> <p>Differentiation Options <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for READY TO GO: Support Independent Practice. pp. 118–121. For extra challenges: Questions 17 and 18 of <i>Common Core Coach</i>. 10 min. Readiness for Common Core below level above level </p>
Day 3	<p>Lesson Focus Common Core Coach Lesson 21: Area and Circumference of Circles <ul style="list-style-type: none"> Teacher's Manual pp. 64–65; 20 min. EL Adaptations Lesson 21 </p> <p>Before the Lesson See Before the Lesson. Make sure the three words on the list are easily recognized. Add <i>diameter</i> to the list and describe it. See p. 114 of <i>Common Core Support Coach Teacher's Manual</i> for a useful suggestion for EL.</p> <p>Differentiation Options <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: Build Background. pp. 114–115. 20 min. Readiness for Common Core below level above level </p>	<p>Lesson Focus Common Core Coach Lesson 22: Angle Pairs <ul style="list-style-type: none"> Teacher's Manual pp. 66–67; 20 min. EL Adaptations Lesson 22 </p> <p>Understand See the Before the Lesson. Go over the four vocabulary words. Add <i>vertex</i>, and these angles: <i>right</i>, <i>straight</i>, <i>obtuse</i>, and <i>acute</i>. Ask students to relate them to each other; e.g., how are <i>supplementary</i> and <i>complementary</i> angles related to <i>adjacent angles</i>? Ask students to draw diagrams for each word.</p> <p>Differentiation Options <ul style="list-style-type: none"> Angle Pair Cards Hand out cards with diagrams depicting the different figures of this Lesson. Ask students to identify each figure. Add more figures such as <i>radius</i>, <i>circumference</i>, <i>diameter</i>, and different polygons previously studied. 20 min. Readiness for Common Core below level above level </p>
Day 4	<p>Lesson Focus Common Core Coach Lesson 21: Area and Circumference of Circles <ul style="list-style-type: none"> Teacher's Manual pp. 64–65; 30 min. EL Adaptations Lesson 21 </p> <p>Understand This Example suggests that a real circle be cut into eight congruent wedges. Do that to make all on this page clear, and follow the rest of the Understand to conclusion. Explain <i>congruent</i>. Make sure the number π is understood and that students understand formulas. See p. 116 of <i>Common Core Support Coach Teacher's Manual</i> for a useful suggestion for EL.</p> <p>Differentiation Options <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for POWER UP: Introduce and Model. pp. 116–117. 10 min. Readiness for Common Core below level above level </p>	<p>Lesson Focus Common Core Coach Lesson 22: Angle Pairs <ul style="list-style-type: none"> Teacher's Manual pp. 66–67; 30 min. EL Adaptations Lesson 22 </p> <p>Connect Go over the all vocabulary words. Ask students to draw examples of each. Ask students to draw diagrams for each word.</p> <p>Differentiation Options <ul style="list-style-type: none"> Angle Pair Cards Hand out cards with diagrams depicting the different figures of this Lesson. Ask students to identify each figure. Add additional figures previously studied such as <i>radius</i>, <i>circumference</i>, <i>diameter</i>, and different polygons. Add a question similar to the TRY on p. 125 of <i>Common Core Coach</i>. 10 min. Readiness for Common Core below level above level </p>
Day 5	<p>Lesson Focus Common Core Coach Lesson 21: Area and Circumference of Circles <ul style="list-style-type: none"> Teacher's Manual pp. 64–65; 30 min. EL Adaptations Lesson 21 </p> <p>Connect Explain <i>approximate</i> for finding circumference and area. Expand further on π and the use of formulas. See Math Tools. See p. 119 of <i>Common Core Support Coach Teacher's Manual</i> for a useful suggestion for EL.</p> <p>Differentiation Options <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for POWER UP: Model Application. pp. 116–117. 10 min. Readiness for Common Core below level above level </p>	<p>Lesson Focus Common Core Coach Lesson 22: Angle Pairs <ul style="list-style-type: none"> Teacher's Manual pp. 66–67; 30 min. EL Adaptations Lesson 22 </p> <p>Example Make sure students draw a diagram for this Example. Review how to solve an equation. Review the meaning of <i>measure of an angle</i>.</p> <p>Differentiation Options <ul style="list-style-type: none"> Show Additional Examples Write problems similar to those of this Example. This means show no diagrams and equations require solutions. Help students get started by going over at least one of these. Readiness for Common Core below level above level </p>

	Week 23	Week 24
Day 1	<p>Lesson Focus Common Core Coach Lesson 22: Angle Pairs</p> <ul style="list-style-type: none"> Teacher's Manual pp. 66–67; 30 min. EL Adaptations Lesson 22 <p>Problem Solving Read at least the problem and explain the diagram. Since it is Problem Solving, remind students of the 4–step process.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Show Additional Examples Seek other real world situations that utilize angle pairs, such as analog clock faces, forks in a roadway, and fences. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 23: Problem Solving: Area and Surface Area of Composite Figures</p> <ul style="list-style-type: none"> Teacher's Manual pp. 68–69; 30 min. EL Adaptations Lesson 23 <p>Practice See note for EL on p. 128 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Problem Solving</i>. pp. 126–129. 15 min. Readiness for Common Core below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 22: Angle Pairs</p> <ul style="list-style-type: none"> Teacher's Manual pp. 66–67; 30 min. EL Adaptations Lesson 22 <p>Practice Go over the vocabulary of the Lesson to make sure students have mastered the full meaning of each word. If necessary, explain each word problem clearly to students.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Examine Angle Pair Names Ask questions about the naming of angles: why are they called vertical angles, supplemental angles, complementary angles, and so forth. Extra challenge: see Question 18 on p. 129 of <i>Common Core Coach</i>. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 24: Problem Solving: Volume of Three-Dimensional Figures</p> <ul style="list-style-type: none"> Teacher's Manual pp. 70–71; 20 min. EL Adaptations Lesson 24 <p>Before the Lesson See Before the Lesson. Explain the formula $V = bh$, and explain what composite solids means. See note for EL on p. 124 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Build Background</i>. pp. 124–125. 20 min. Readiness for Common Core below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 23: Problem Solving: Area and Surface Area of Composite Figures</p> <ul style="list-style-type: none"> Teacher's Manual pp. 68–69; 30 min. EL Adaptations Lesson 23 <p>Before the Lesson See the Before the Lesson. Check in with Math Tools for formulas on area. Explain the word <i>composite</i>. See note for EL on p. 122 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>PLUG IN: Model Application (A, B)</i>. pp. 122–123. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 24: Problem Solving: Volume of Three-Dimensional Figures</p> <ul style="list-style-type: none"> Teacher's Manual pp. 70–71; 30 min. EL Adaptations Lesson 24 <p>Buying a New Tent Make sure students know about Math Tools for formulas for area and volume. Explain <i>triangular prism</i> by showing a model. Offer this general warning in solving problems: beware of extraneous information. See an Example in <i>Buying a New Tent</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Introduce Concepts and Vocabulary</i>. pp. 124–125. 10 min. Readiness for Common Core below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 23: Problem Solving: Area and Surface Area of Composite Figures</p> <ul style="list-style-type: none"> Teacher's Manual pp. 68–69; 30 min. EL Adaptations Lesson 23 <p>Office Carpeting See note for EL on p. 134 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>PLUG IN: Practice and Assess</i>. pp. 122–123. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 24: Problem Solving: Volume of Three-Dimensional Figures</p> <ul style="list-style-type: none"> Teacher's Manual pp. 70–71; 30 min. EL Adaptations Lesson 24 <p>An Arrangement of Cubes Make sure <i>congruent</i> is understood. This concept comes up often, so make it clear for both two-dimensional and three-dimensional figures. See note for EL on p. 127 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Model Application (A, B)</i>. pp. 124–125. 10 min. Readiness for Common Core below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 23: Problem Solving: Area and Surface Area of Composite Figures</p> <ul style="list-style-type: none"> Teacher's Manual pp. 68–69; 30 min. EL Adaptations Lesson 23 <p>Face Painting Explain faces of a cube by showing a cube, and make clear what the surface area of a cube is. Note that in this problem not all the faces will be painted (Cube C, while it has 6 faces, will have only 4 faces painted.)</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>READY TO GO: Support Independent Practice (1, 4)</i>. pp. 126–129. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 24: Problem Solving: Volume of Three-Dimensional Figures</p> <ul style="list-style-type: none"> Teacher's Manual pp. 70–71; 30 min. EL Adaptations Lesson 24 <p>Practice Review vocabulary words on p. 62 of <i>Common Core Coach Teacher's Manual</i>. Ask students to explain each word with the help of geometric models. Read and explain Questions to make sure they are clearly understood.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for <i>POWER UP: Practice and Assess</i>. pp. 124–125. 10 min. Readiness for Common Core below level above level

	Week 25	Week 26
Day 1	<p>Review and Assess Common Core Coach Domain 4 Review</p> <ul style="list-style-type: none"> ● Student Edition pp. 138–139; 40 min. ● Teacher's Manual p. 117 <p>Questions 1–12 Go over the questions and discuss. Ask students to take a look at instructions on these pages, the first half of the Review. Make sure all instructions are clear. See Progression Chart on pp. 56–57 (<i>Teacher's Manual</i>) for a view of progressions connecting the Lessons of Domain 4.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions.</p>	<p>Lesson Focus Common Core Coach Lesson 25: Understanding Sampling</p> <ul style="list-style-type: none"> ● Teacher's Manual pp. 74–75; 30 min. ● EL Adaptations Lesson 25 <p>Example A Review again vocabulary words on p. 74 of <i>Teacher's Manual</i>. Ask students to offer an example of a <i>biased sample</i> and a <i>random sample</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for POWER UP: Model Application (A, B)</i>. pp. 132–133. 15 min. ● <i>Readiness for Common Core</i> below level above level
Day 2	<p>Review and Assess Common Core Coach Domain 4 Review</p> <ul style="list-style-type: none"> ● Student Edition pp. 140–141; 40 min. ● Teacher's Manual pp. 117–118 <p>Questions 14–23 & Performance Task Go over the questions and discuss. Pay special attention to the Performance Task on p. 141. Ask students to take a look at instructions on these pages, the second half of the Review. In particular, clarify any doubts with respect to Performance Task (<i>Exploring Composite Solids</i>) on p. 141. See Progression Chart on pp. 56–57 (<i>Teacher's Manual</i>) for a view of progressions connecting the Lessons of Domain 4.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions. Note extra challenges: Questions 15 and 16.</p>	<p>Lesson Focus Common Core Coach Lesson 25: Understanding Sampling</p> <ul style="list-style-type: none"> ● Teacher's Manual pp. 74–75; 30 min. ● EL Adaptations Lesson 30 <p>Example B Make sure students understand the <i>mean</i>. See note for EL on p. 132 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for POWER UP: Work Together</i>. pp. 132–133. 10 min. ● <i>Readiness for Common Core</i> below level above level
Day 3	<p>Review and Assess Common Core Coach Domain 4 Assessment</p> <ul style="list-style-type: none"> ● Assessments pp. 30–36; 40 min. ● Assessments Answer Keys p. 13 <p>Questions 1–20 Provide extra time for assessments and provide readers to read word problems to students.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>	<p>Lesson Focus Common Core Coach Lesson 25: Understanding Sampling</p> <ul style="list-style-type: none"> ● Teacher's Manual pp. 74–75; 30 min. ● EL Adaptations Lesson 30 <p>Practice See note for EL on p. 134 of <i>Common Core Support Coach Teacher's Manual</i>. Check understanding of the vocabulary words on p. 74 of <i>Common Core Coach Teacher's Manual</i>. Read and explain Questions to make sure they are clearly understood.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for POWER UP: Practice and Assess</i>. pp. 132–133. 10 min. ● <i>Readiness for Common Core</i> below level above level
Day 4	<p>Review and Assess Common Core Coach Domain 4 Assessment</p> <ul style="list-style-type: none"> ● Assessments pp. 37–40; 40 min. ● Assessments Answer Keys pp. 13–15 <p>Questions 21–25 Provide clear explanation of questions.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>	<p>Lesson Focus Common Core Coach Lesson 26: Using Mean and Mean Absolute Value</p> <ul style="list-style-type: none"> ● Teacher's Manual pp. 76–77; 20 min. ● EL Adaptations Lesson 26 <p>Before the Lesson See Before the Lesson. Add additional examples to compute mean, median, and range. Ask: how are <i>mean</i> and <i>median</i> related?</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for PLUG IN: Build Background</i> pp. 130–131. 20 min. ● <i>Readiness for Common Core</i> below level above level
Day 5	<p>Domain 5: Statistics and Probability</p>	
	<p>Lesson Focus Common Core Coach Lesson 25: Understanding Sampling</p> <ul style="list-style-type: none"> ● Teacher's Manual pp. 74–75; 20 min. ● EL Adaptations Lesson 25 <p>Understand-Connect Review vocabulary words on p. 74 of <i>Teacher's Manual</i>. Ask students to explain each word with the help of examples. Explain in particular <i>biased</i> and <i>random sample</i>. See before the Lesson.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for POWER UP: Build Background</i>. pp. 132–133. 20 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 26: Using Mean and Mean Absolute Value</p> <ul style="list-style-type: none"> ● Teacher's Manual pp. 76–77; 30 min. ● EL Adaptations Lesson 26 <p>Understand-Connect There is much to read here, so make sure there is help for students who need it. Make sure the concepts <i>interquartile</i> and <i>mean absolute deviation</i> are understood.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for PLUG IN: Introduce and Model</i>. pp. 130–131. 10 min. ● <i>Readiness for Common Core</i> below level above level

	Week 27	Week 28
Day 1	<p>Lesson Focus Common Core Coach Lesson 26: Using Mean and Mean Absolute Value</p> <ul style="list-style-type: none"> Teacher's Manual pp. 76–77; 30 min. EL Adaptations Lesson 26 <p>Example A There is much to decipher on these pages, so make sure that the tables, data, and computations are understood. See note for EL on p. 131 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Model Application (A, B)</i>. pp. 130–131. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 27: Making Comparative Inferences about Two Populations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 78–79; 30 min. EL Adaptations Lesson 27 <p>Connect Here the data is shown in tables, so make sure these are clear. Likewise, note how the data is transferred from a table to a data plot, so provide help when necessary to make sure this transfer is understood.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Practice and Assess</i>. pp. 146–147. 10 min. Readiness for Common Core below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 26: Using Mean and Mean Absolute Value</p> <ul style="list-style-type: none"> Teacher's Manual pp. 76–77; 30 min. EL Adaptations Lesson 26 <p>Example B Notice that this Example is asking to bring back the box-and-whisker plot, but as a double plot to compare two sets of data.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Support Discussion</i>. pp. 130–131. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 27: Making Comparative Inferences about Two Populations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 78–79; 30 min. EL Adaptations Lesson 27 <p>Practice Although this lesson does not introduce any new words, it uses many from recent Lessons, so make sure all are clear. Illustrate each word with an example. Tables and graphs may need explaining.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Introduce and Model – Introduce Concepts and Vocabulary</i>. pp. 146–147. 10 min. Readiness for Common Core below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 26: Using Mean and Mean Absolute Value</p> <ul style="list-style-type: none"> Teacher's Manual pp. 76–77; 30 min. EL Adaptations Lesson 26 <p>Practice Are the questions clear? If not have them read out loud, and provide further clarity about the questions. See note for EL on p. 132 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Practice and Assess</i>. pp. 130–131. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 28: Understanding Probability</p> <ul style="list-style-type: none"> Teacher's Manual pp. 80–81; 20 min. EL Adaptations Lesson 28 <p>Before the Lesson Make sure the new vocabulary is understood via examples. Use the Before the lesson and add more examples elicited from students.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Build Background</i>. pp. 138–139. 20 min. Readiness for Common Core below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 27: Making Comparative Inferences about Two Populations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 78–79; 20 min. EL Adaptations Lesson 27 <p>Before the Lesson See Before the Lesson. Add examples to compute <i>mean</i> and <i>mean absolute deviation</i> (MAD). Ask: are these related? What is a <i>population</i>? Give further examples of a <i>population</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Introduce and Model</i>. pp. 146–147. 20 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 28: Understanding Probability</p> <ul style="list-style-type: none"> Teacher's Manual pp. 80–81; 30 min. EL Adaptations Lesson 28 <p>Understand Distinguish by further examples the difference between <i>probability</i> and <i>experimental probability</i>. See p. 138 of <i>Common Core Support Coach Teacher's Manual</i> for a useful tip for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Introduce and Model</i>. pp. 138–139. 10 min. Readiness for Common Core below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 27: Making Comparative Inferences about Two Populations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 78–79; 30 min. EL Adaptations Lesson 27 <p>Understand There is much to tease out here what with much data and many graphs, so make sure there is help for students who need it. Walk through each step of Understand as it deal with changes in Team B. Explain the meaning of the difference of the means divided by MAD.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Model Application (A, B)</i>. pp. 146–147. 10 min. Readiness for Common Core below level above level 	<p>Lesson Focus Common Core Coach Lesson 28: Understanding Probability</p> <ul style="list-style-type: none"> Teacher's Manual pp. 80–81; 30 min. EL Adaptations Lesson 28 <p>Connect Explain every step of this example of <i>experimental probability</i> and show its contrast to the <i>theoretical probability</i> shown in Understand. Make the reading clear as there is much to digest here.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> Common Core Support Coach Teacher's Manual for PLUG IN: <i>Model Application (A, B)</i>. pp. 138–139. 10 min. Readiness for Common Core below level above level

	Week 29	Week 30
Day 1	<p>Lesson Focus Common Core Coach Lesson 28: Understanding Probability</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 80–81; 30 min. ● <i>EL Adaptations Lesson 28</i> <p>Practice Help with each section of Practice to make sure instructions are clear.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for PLUG IN: Practice and Assess.</i> pp. 138–139. 15 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 29: Probabilities of Simple Events</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 82–83; 30 min. ● <i>EL Adaptations Lesson 29</i> <p>Practice Read the directions to each section to make sure that they are clear. Review all words on the Vocabulary list.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for PLUG IN: Practice and Assess.</i> pp. 146–147. Extra challenge: p. 175 Question 14, of <i>Common Core Coach</i>. 10 min. ● <i>Readiness for Common Core</i> below level above level
Day 2	<p>Lesson Focus Common Core Coach Lesson 29: Probabilities of Simple Events</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 82–83; 20 min. ● <i>EL Adaptations Lesson 29</i> <p>Understand Go over the examples used in the Before the Lesson, and add a few more. Explain the difference between <i>theoretical</i> and <i>experimental probability</i>. Place emphasis on what we expect and what does actually happen. Explain all words on the Vocabulary list.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for PLUG IN: Build Background.</i> pp. 146–147. 20 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 30: Probabilities of Compound Events</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 84–85; 20 min. ● <i>EL Adaptations Lesson 30</i> <p>Understand Explain all words on the Vocabulary list. Explain <i>sample space</i> and its role in determining <i>probability</i>. Distinguish between <i>independent</i> and <i>dependent events</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for PLUG IN: Build Background.</i> pp. 154–155. 20 min. ● <i>Readiness for Common Core</i> below level above level
Day 3	<p>Lesson Focus Common Core Coach Lesson 29: Probabilities of Simple Events</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 82–83; 30 min. ● <i>EL Adaptations Lesson 29</i> <p>Connect Make sure students understand what the questions of Connect are asking. Explain why an event with a probability of $\frac{1}{2}$ means that the event is equally likely to happen and not happen.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for PLUG IN: Introduce and Model – Introduce Concepts and Vocabulary.</i> pp. 146–147. 10 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 30: Probabilities of Compound Events</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 84–85; 30 min. ● <i>EL Adaptations Lesson 30</i> <p>Connect Explain this page step by step and work out the TRY with students. See p. 154 of <i>Common Core Support Coach Teacher's Manual</i> for a useful tip for EL.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for POWER UP: Model Application.</i> pp. 156–157. 10 min. ● <i>Readiness for Common Core</i> below level above level
Day 4	<p>Lesson Focus Common Core Coach Lesson 29: Probabilities of Simple Events</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 82–83; 30 min. ● <i>EL Adaptations Lesson 29</i> <p>Example A Make sure the idea of <i>uniform probability</i> is clear. Offer another model that is not a uniform probability model. See note on EL on p. 147 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for PLUG IN: Introduce and Model – Support Discussion.</i> pp. 146–147. 10 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 30: Probabilities of Compound Events</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 84–85; 30 min. ● <i>EL Adaptations Lesson 30</i> <p>Example A Explain what tree diagram are and how they are used with compound events.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for READY TO GO: Build Background.</i> pp. 158–161. 10 min. ● <i>Readiness for Common Core</i> below level above level
Day 5	<p>Lesson Focus Common Core Coach Lesson 29: Probabilities of Simple Events</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 82–83; 30 min. ● <i>EL Adaptations Lesson 29</i> <p>Example B Do an experiment with two dice to see what the <i>experimental probability</i> is. In fact, it would be even better if several groups had dice so that the experiment could be done a number of times. Compare data. See note on EL on p. 147 of <i>Common Core Support Coach Teacher's Manual</i>.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for PLUG IN: Model and Application.</i> pp. 146–147. 10 min. ● <i>Readiness for Common Core</i> below level above level 	<p>Lesson Focus Common Core Coach Lesson 30: Probabilities of Compound Events</p> <ul style="list-style-type: none"> ● <i>Teacher's Manual</i> pp. 84–85; 30 min. ● <i>EL Adaptations Lesson 30</i> <p>Example B Here is another example of a tree diagram, but this one is used for two depend events.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> ● <i>Common Core Support Coach Teacher's Manual for READY TO GO: Introduce and Model.</i> pp. 158–161. 10 min. ● <i>Readiness for Common Core</i> below level above level

	Week 31	Week 32
Day 1	<p>Lesson Focus Common Core Coach Lesson 30: Probabilities of Compound Events</p> <ul style="list-style-type: none"> Teacher's Manual pp. 84–85; 30 min. EL Adaptations Lesson 30 <p>Practice Review all words on the Vocabulary list. See note about EL on p. 158 of <i>Common Core Support Coach Teacher's Manual</i>. Explain directions of each section of Practice.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual for READY TO GO: Practice and Assess.</i> pp. 158–161. <i>Extra challenge:</i> p. 175 Questions 10 and 11 of <i>Common Core Coach</i>. 10 min. Readiness for Common Core below level above level 	<p>Review and Assess Common Core Coach Domain 5 Review</p> <ul style="list-style-type: none"> Student Edition pp. 180–181; 40 min. Teacher's Manual p. 126 <p>Questions 1–8 Go over the questions and discuss. Ask students to take a look at instructions on these pages, the first half of the Review. Make sure all instructions are clear. See Progression Chart on pp. 72–73 (<i>Teacher's Manual</i>) for a view of progressions connecting the Lessons of Domain 5.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions.</p>
Day 2	<p>Lesson Focus Common Core Coach Lesson 31: Simulations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 86–87; 30 min. EL Adaptations Lesson 31 <p>Before the Lesson See the Before the Lesson. Explain what a simulation is, and how it will be employed to run an experiment to determine probability. Ask: what ways can you simulate rolling a die?</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual for READY TO GO: Build Background.</i> pp. 158–161. 10 min. Readiness for Common Core below level above level 	<p>Review and Assess Common Core Coach Domain 5 Review</p> <ul style="list-style-type: none"> Student Edition pp. 182–183; 40 min. Teacher's Manual p. 126 <p>Questions 9–12 & Performance Task Go over the questions and discuss. Pay special attention to the Performance Task on p. 183. Ask students to take a look at instructions on these pages, the second half of the Review. In particular, clarify any doubts with respect to Performance Task (<i>Paper Cup Toss</i>) on p. 183. See Progression Chart on pp. 72–73 (<i>Teacher's Manual</i>) for a view of progressions connecting the Lessons of Domain 5.</p> <p>Differentiation Options Ask students to do a single page at a time, and then go over the questions. Note extra challenges: Questions 11 and 12.</p>
Day 3	<p>Lesson Focus Common Core Coach Lesson 31: Simulations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 86–87; 30 min. EL Adaptations Lesson 31 <p>Understand Explain what a random number is and what a random number table is.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual for READY TO GO: Introduce and Model.</i> pp. 158–161. 10 min. Readiness for Common Core below level above level 	<p>Review and Assess Common Core Coach Domain 5 Assessment</p> <ul style="list-style-type: none"> Assessments pp. 42–48; 40 min. Assessments Answer Keys p. 16 <p>Questions 1–20 Provide extra time for assessments and provide readers to read word problems to students.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>
Day 4	<p>Lesson Focus Common Core Coach Lesson 31: Simulations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 86–87; 30 min. EL Adaptations Lesson 31 <p>Connect Check out the Math Tool <i>Random Digits Table</i> on p. 203 of <i>Common Core Coach</i>. Remind students that when using the table they can start with any number.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual for READY TO GO: Support Independent Practice.</i> pp. 158–161. 15 min. Readiness for Common Core below level above level 	<p>Review and Assess Common Core Coach Domain 5 Assessment</p> <ul style="list-style-type: none"> Assessments pp. 49–52; 40 min. Assessments Answer Keys pp. 16–21 <p>Questions 21–25 Provide clear explanation of questions.</p> <p>Differentiation Options Provide extra time and assistance for students who qualify.</p>
Day 5	<p>Lesson Focus Common Core Coach Lesson 31: Simulations</p> <ul style="list-style-type: none"> Teacher's Manual pp. 86–87; 30 min. EL Adaptations Lesson 31 <p>Practice Explain each section of the Practice to students before they begin. Read the direction to students as needed.</p> <p>Differentiation Options</p> <ul style="list-style-type: none"> <i>Common Core Support Coach Teacher's Manual for READY TO GO: Support Independent Practice.</i> pp. 158–161. 10 min. Readiness for Common Core below level above level 	

Week 33

Day 1

End of Year Review

Common Core Coach Review Domains 1–3

Lessons 1–17

Common Core Support Coach

Practice Tests 1 & 2

- Assessments pp. 64–87
- Assessments Answer Key pp. 21–30

Select key questions from Practice Tests 1 and 2 to review with students depending on their needs.

Differentiation Options

- Common Core Support Coach Assessments pp. 44–55 for Performance Tasks A & B in Domains 1–3

Day 2

End of Year Review

Common Core Coach Review Domains 4 and 5

Lessons 18–31

Common Core Support Coach

Practice Tests 1 & 2

- Assessments pp. 64–87
- Assessments Answer Key pp. 21–30

Select key questions from Practice Tests 1 and 2 to review with students depending on their needs.

Differentiation Options

- Common Core Support Coach Assessments pp. 56–63 for Performance Tasks A & B in Domains 4 and 5

Day 3

Summative Assessment

Common Core Coach Summative Assessment

- Assessments pp. 54–60; 40 min.
- Assessments Answer Key p. 22

Questions 1–25

Provide extra time for assessments and provide readers to read word problems to students.

Differentiation Options

Provide extra time and assistance for students who qualify.

Day 4

Summative Assessment

Common Core Coach Summative Assessment

- Assessments pp. 61–69; 40 min.
- Assessments Answer Key pp. 22–23

Questions 26–50

Provide extra time for assessments and provide readers to read word problems to students.

Differentiation Options

Provide extra time and assistance for students who qualify.

Day 5