



Common Core Support Coach, Math Grade 7 **Summer School Pacing Guide**

To the Teacher...

The lessons and activities chosen for this Pacing Guide are those that we recommend as areas of focus within the *Common Core Support Coach* Math curriculum. It is designed for 2 days of instruction, so if your summer school program is shorter or longer, you can implement more or less of the options. Also, the plans are designed around a 75-minute learning session. You will want to adapt the plan if your sessions are either longer or shorter than 75 minutes.

The needs of each class are different, so incorporate the parts of the lessons that you see working most effectively for your students.

Have a wonderful summer program!

**Common Core Support Coach, Math Grade 7
Summer School Pacing Guide
(22 Days, 75-minute sessions)**

Planning	Day 1	Day 2	Day 3
<p>The Planning Chart includes 3 different activity sections for most sessions. We recommend that you change up the activity in each session.</p> <p>The suggested options in this plan include all sections of lessons and additional fluency practice on a regular basis.</p> <p>Depending on whether you wish to gather more comparative data on student's pre- and post-program performance or gather formative data during the program, you can rely more on the Support Tests or the lesson quizzes for assessment data.</p>	<p><u>Welcome and introduction to the text.</u></p> <p><u>Administer the Support Test 1 as pretest.</u></p> <p>Note- You might split the time for 30 minutes today and 30 minutes tomorrow for test. The other time begin lesson 1.</p>	<p>Fluency Practice- Multiplication and/or division Practice <u>5 min</u></p> <p>Support Coach Math Lesson 1 Computing Unit Rates pp. 4-11</p> <p>Plug In <i>Using Ratios</i>, Review vocabulary word focus. Teacher guides lesson and students discuss and practice pp. 4-5. Power Up pp. 6-7. Teacher leads lesson and conducts discussion and do as students complete practice portion. (Assess where they are on these two skills) Ready to Go- pp. 8-11. Review vocabulary words and discuss the Review Lesson Link p. 8. Students complete Work Together and Practice in pairs pp. 9-11. <u>60 min</u></p> <p>Problem Solving- Changing the Pace pp. 12-13 Students work with teacher as expectations of this type of activity is outlined and shared. <u>10 min</u></p>	<p>Fluency Practice- Multiplication and/or division Practice <u>5 min</u></p> <p>Problem Solving- Changing the Pace pp. 12-13. Complete. <u>15 min</u></p> <p>Support Coach Math Lesson 2 Identify Constant of Proportionality pp. 14-21</p> <p>Plug In- pp. 14-15. Teacher instructs read and discuss section. Students complete practice. Power up- Students read and discuss pp. 16-17 and complete practice. Ready to Go- pp. 18-21 Students review lesson link and work together in pairs to solve problems and Practice. <u>55 min</u></p>

Day 4	Day 5	Day 6	Day 7
<p>Problem Solving- Checking the Paycheck pp. 22-23. Discuss example and students work together to solve problems. <u>20 min</u></p> <p>Support Coach Math Lesson 3, Real World problems with Rations and Percent pp. 24–31</p> <p>Plug In- pp. 24-25. Teacher guides lesson, discuss and do.</p> <p>Power Up- Writing equations to solve ratio problems. pp.26-27. Discuss and complete lesson information with teacher.</p> <p>Ready to Go- Solve Problems with ratios and percent. Teacher reviews lesson links and students discuss. Students work in pairs for Work Together and Practice sections, pp. 28-31 <u>55 min</u></p> <p>Option: Administer the quizzes for Lessons 1 and 2</p>	<p>Fluency Practice- Division Practice <u>5 min</u></p> <p>Lesson 4-Using Proportional Relationships to Solve Multi-Step Problems. pp. 34–37</p> <p>Plug In- Using Percent. Teacher leads lesson, discuss, and do, pp. 34-35.</p> <p>Power Up- One-step ratio and percent problems, pp.36-37 Review domain-specific vocabulary and students discuss and do <u>practice.</u> <u>35 min</u></p> <p>Performance Task- Choose a performance task from the Teacher Manual. Students work on a performance task and present work. <u>35 min</u></p>	<p>Fluency Practice-Multiplication and Division Practice <u>5 min</u></p> <p>Lesson 4-Using Proportional Relationships to Solve Multi-Step Problems. pp. 38–43</p> <p>Ready to Go- multi-step problems. Teacher and students review key points. Students complete the Work Together section and the Practice pp. 38-41.</p> <p>Problem Solving: Taxes pp. 42–43. Discuss example and students work together to solve problems. <u>50 min</u></p> <p>Problem Solving: Poster Sale pp. 32–33. Discuss example and students work together to solve problems. <u>20 min</u></p> <p>Option: Administer the quizzes for Lessons 3 and 4</p>	<p>Fluency Practice-Multiplication and Division Practice <u>5 min</u></p> <p>Lesson 5- Adding and Subtracting Rational Numbers pp. 47–53</p> <p>Plug In- Representing opposite situations. Teacher leads lesson using number line ex. and students discuss and do. Students complete practice session.</p> <p>Power Up- pp. 46-47. Discuss additive inverses. Teacher leads discuss, do, and practice. Have students create a model and equation in journals and explain their thoughts.</p> <p>Ready to Go – pp. 48-51 Dividing Whole numbers review lesson link and students discuss and complete the do sections and Work Together in pairs. Students complete the Practice on their own pp. 50-51. <u>55 min</u></p> <p>Problem Solving: Time for Change pp. 52–53. Discuss example and students work together to solve problems. <u>15 min</u></p>

Day 8	Day 9	Day 10	Day 11
<p>Fluency Practice-Multiplication Practice <u>5 min</u></p> <p>Problem Solving: Time for Change pp. 52–53. Students work together to complete solving problems. <u>10 min</u></p> <p>Support Coach Math Lesson 6 Multiplying Rational Numbers pp. 54-61. Plug in- Multiplying Fractions pp. 54-55. Students discuss with teacher and complete do section and practice. Students explain what it means to multiply fractions. Power Up- Using Rules to Multiply Integers, pp. 56-57. Teacher discuss and students work in pairs to complete the do section and practice section. Ready to Go- pp. 58-59. Students complete review of skills and complete practice section with a partner and check answers. <u>60 min</u></p> <p>Option: Administer the quizzes for Lessons 5 and 6</p>	<p>Problem Solving – Now We’re Cooking Students complete independently. <u>20 min</u></p> <p>Support Coach Lesson 7 Dividing Rational Numbers pp. 64-71. Plug In- Finding Quotients <i>pp. 64-65.</i> Teacher moves through discussion and shares board examples. Students review the three words to know and draws models to define them. Power Up- Using rules to divide integers, pp. 66-67. Students discuss with teacher using examples and visuals and complete the do and practice sections. Ready to Go- pp.68-71. Review lesson review links and complete do sections and practice independently pp. 70-71. Students check their answers with each other. <u>55 min</u></p>	<p>Support Coach Lesson 7 Dividing Rational Numbers pp. 70–73. Ready to Go- pp.70-71. Complete independent practice pp. 70-71. Students check their answers with each other. Problem Solving - Building a Quotient pp. 72–73 Students complete independently. <u>35 min</u></p> <p>Support Coach- Lesson 8 Problem Solving With Rational Numbers pp. 74-77. Plug In- Problem Solving with whole numbers pp. 74-75. Teacher leads lesson and gives examples and students discuss and do, as well as practice section. Power Up- Simplify Complex Fractions, pp.76-77. Students work in pairs and teacher to discuss and practice the sections of lesson. students must be able to explain what it means to simplify a complex fraction in their own words. <u>40 min</u></p>	<p>Fluency Practice- Division Practice <u>5 min</u></p> <p>Support Coach- Lesson 8 Problem Solving With Rational Numbers pp. 78–83.</p> <p>Ready to go- Solving Problems pp. 78-81. Teacher reviews lesson link, students work in pairs on Work Together with teacher assisting and students complete even problems on practice Problem Solving- Dog Walking pp. 82-83 Problem solving with fractions. <u>50 min</u></p> <p>Performance Task- Choose a performance task from the Teacher Manual. Students work on a performance task and present work. <u>20 min</u></p> <p>Option: Administer the quizzes for Lessons 7 and 8</p>

Day 12	Day 13	Day 14	Day 15
<p>Support Coach Lesson 9 Factoring and Expanding Linear Expressions pp. 84-91. Plug In- Generating equivalent expressions pp. 84-85. Teacher leads lesson with vocabulary terms for lesson and students describe what they mean in journal. Teacher leads discussion in lesson and students practice a few problems.</p> <p>Power Up- Using the Distributive Property. Teacher leads discussion and works with finding GCF. Students complete Practice On their own. Pp. 86-87.</p> <p>Ready to Go- Factoring and expanding linear expressions pp. 88-91. Teacher reviews lesson links and checks for student progress with concept during students practice section pp. 90-91. If time, teacher reviews skills learned to far with questions on board for groups to solve as a game format. <u>75 min</u></p>	<p>Fluency Practice- Multiplication Practice <u>5 min</u></p> <p>Problem Solving- Join the Club! pp. 92–93 Students solve problems and then write one of their own for a buddy to solve. (They must have correct answer handy.) <u>25 mi</u></p> <p>Support Coach- Lesson 10 Applying Properties to Solve Problems pp. 94-97. Plug In- Estimation Strategies Teacher leads lesson, reviews compatible numbers and students compete practice section.</p> <p>Power Up- Using Properties to solve problems pp. 96-97. Teacher leads lesson on three properties and students give ex. of each. Students work in pairs to discuss and complete practice section. <u>45 min</u></p>	<p>Fluency Practice- Division & Multiplication Practice <u>5 min</u></p> <p>Ready to Go- pp. 98-101 Teacher leads lesson review and students work together on that section and complete odd problems on practice section. <u>40 min</u></p> <p>Performance Task- Teacher choice from Teacher Manual and students work in groups to begin and complete today. <u>30 min</u></p> <p>Option: Administer the quizzes for Lessons 9 and 10</p>	<p>Fluency Practice- Division & Multiplication Practice <u>5 min</u></p> <p>Problem Solving Lesson Back- to- School Shopping pp. 102-103. Students complete the problem on their own. <u>30 min</u></p> <p>Support Coach- Lesson 11 Solving Multi-Step Problems pp. 104-111. Plug in- Problems with Decimals pp. 104-105. Teacher connects science and math and reads the lesson to discuss with students and complete practice.</p> <p>Power Up-Problems with Fractions pp. 106-107. Teacher reminds students on purpose of multiplying fractions as they solve problem examples and practice. <u>40 min</u></p>

Day 16	Day 17	Day 18	Day 19
<p>Fluency Practice- Division & Multiplication Practice <u>5 min</u></p> <p>Support Coach Lesson 11 cont. Ready to Go- Discuss ways to solve a problem and how to read them successfully for the most information. Teacher leads discussion and students practice pp. 110-111. <u>40 min</u></p> <p>Problem Solving- Road Trip Planning pp. 112–113 Work through the example. Students solve problems individually or in pairs. <u>30 min</u></p>	<p>Support Coach Math Lesson 12 Solving Word Problems Algebraically pp. 114–123</p> <p>Plug In Solving One-Step Algebraic Equations, Review vocabulary word focus. Teacher guides lesson and students discuss and practice pp. 114-115. Power Up pp. 116-117. Teacher leads lesson and conducts discussion and do as students complete practice portion. (Assess where they are on these two skills) Ready to Go- pp. 118-121. Review vocabulary words and discuss the Review Lesson Link p. 118. Students complete Work Together and Practice in pairs pp. 119-121. <u>65 min</u></p> <p>Problem Solving- Parking Pavement pp. 122-123 Students work with teacher on teaching example and try practice problem 1 <u>10 min</u></p>	<p>Fluency Practice- Division & Multiplication Practice <u>5 min</u></p> <p>Problem Solving- Parking Pavement pp. 122-123 Complete. <u>15 min</u></p> <p>Support Coach Math Lesson 13 Using Inequalities to Solve Problems pp. 124–133</p> <p>Plug In Solving One-Step Inequalities, Review vocabulary word focus. Teacher guides lesson and students discuss and practice pp. 124-125. Power Up pp. 126-127. Teacher leads lesson and conducts discussion and do as students complete practice portion. (Assess where they are on these two skills) Ready to Go- pp. 128-131. Review vocabulary words and discuss the Review Lesson Link p. 128. Students complete Work Together in pairs on pp. 129. <u>55 min</u></p> <p>Option: Administer the quizzes for Lessons 11 and 12</p>	<p>Ready to Go- pp. 128-131. Students complete Work Practice in pairs on pp. 130-131. <u>25 min</u></p> <p>Problem Solving- Walkathon pp. 132-133 Students work with teacher on teaching example and work together to solve problems. <u>20 min</u></p> <p>Performance Task- Teacher choice from Teacher Manual and students work in groups to begin and complete today. <u>30 min</u></p>

Day 20	Day 21	Day 22	Additional Days
<p>Fluency Practice- Division & Multiplication Practice <u>5 min</u></p> <p>Support Coach Math Lesson 14 Scale Drawings pp. 134–143</p> <p>Plug In <i>Writing and Solving Proportions</i> Review vocabulary word focus. Teacher guides lesson and students discuss and practice pp. 134-135.</p> <p>Power Up pp. 136-137. Teacher leads lesson and conducts discussion and do as students complete practice portion. (Assess where they are on these two skills)</p> <p>Ready to Go- pp. 138-141. Review vocabulary words and discuss the Review Lesson Link p. 138. Students complete Work Together and Practice in pairs on pp. 139–141. <u>70 min</u></p>	<p>Problem Solving- Reading Maps pp. 142-143 Students work with teacher on teaching example and work together to solve problems. <u>20 min</u></p> <p>Performance Task- Teacher choice from Teacher Manual and students work in groups to begin and complete today. <u>30 min</u></p> <p>Support Coach- Administer the first portion of Support Test 2 as a Posttest. <u>25 min</u></p> <p>Option: Administer the quizzes for Lessons 13 and 14</p>	<p>Support Coach- Complete Assessment and reflect on learned skills in Summer Program. <u>45 min</u></p> <p>Performance Task- cont. students complete and share in groups with rest of class after assessment. <u>30 min</u></p>	<p>We suggest if time permits that you focus on Lessons 16 and 17 as the next priorities in your curriculum</p> <p>OR</p> <p>Include more quizzes as formative assessments</p> <p>OR</p> <p>Work in more Performance Tasks.</p>

