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 then 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)

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<th>Planning</th>
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<td></td>
<td>Welcome and introduction to the text. Administer the Support Test 1 as pretest. Note - You might split the time for 30 minutes today and 30 minutes tomorrow for test. The other time begin lesson 1.</td>
<td>Fluency Practice - Multiplication and/or division Practice 5 min Support Coach Math Lesson 1 Computing Unit Rates pp. 4-11 Plug In Using Ratios, 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. 60 min Problem Solving - Changing the Pace pp. 12-13 Students work with teacher as expectations of this type of activity is outlined and shared. 10 min</td>
<td>Fluency Practice - Multiplication and/or division Practice 5 min Problem Solving - Changing the Pace pp. 12-13. Complete. 15 min Support Coach Math Lesson 2 Identify Constant of Proportionality pp. 14-21 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. 55 min</td>
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| **Problem Solving**: Checking the Paycheck pp. 22-23. Discuss example and students work together to solve problems.  
20 min | **Fluency Practice**: Division Practice  
5 min | **Fluency Practice**: Multiplication and Division Practice  
5 min | **Fluency Practice**: Multiplication and Division Practice  
5 min |
| **Support Coach Math Lesson 3, Real World problems with Ratios and Percent** pp. 24–31  
**Plug In**: pp. 24-25. Teacher guides lesson, discuss and do. **Power Up**: Writing equations to solve ratio problems. pp.26-27. Discuss and complete lesson information with teacher. **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  
55 min | **Lesson 4**: Using Proportional Relationships to Solve Multi-Step Problems. pp. 34–37  
**Plug In**: Using Percent. Teacher leads lesson, discuss, and do, pp. 34-35. **Power Up**: One-step ratio and percent problems, pp.36-37  
Review domain-specific vocabulary and students discuss and do practice.  
35 min | **Lesson 4**: Using Proportional Relationships to Solve Multi-Step Problems. pp. 38–43  
**Ready to Go**: multi-step problems. Teacher and students review key points. Students complete the Work Together section and the Practice pp. 38-41. **Problem Solving**: Taxes pp. 42–43. Discuss example and students work together to solve problems.  
50 min | **Lesson 5**: Adding and Subtracting Rational Numbers pp. 47–53  
**Plug In**: Representing opposite situations. Teacher leads lesson using number line ex. and students discuss and do. Students complete practice session. **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. **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.  
55 min |
| **Option**: Administer the quizzes for Lessons 1 and 2  
55 min | **Performance Task**: Choose a performance task from the Teacher Manual. Students work on a performance task and present work.  
35 min | **Problem Solving**: Poster Sale  
pp. 32–33. Discuss example and students work together to solve problems.  
20 min | **Problem Solving**: Time for Change  
pp. 52–53. Discuss example and students work together to solve problems.  
15 min |

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<td><strong>Fluency Practice-Multiplication Practice</strong>&lt;br&gt;5 min</td>
<td><strong>Problem Solving – Now We’re Cooking</strong>&lt;br&gt;Students complete independently.&lt;br&gt;<strong>Support Coach Lesson 7</strong> Dividing Rational Numbers pp. 70–73.&lt;br&gt;<strong>Ready to Go</strong>- pp.70-71. Complete independent practice pp. 70-71. Students check their answers with each other.&lt;br&gt;<strong>Problem Solving - Building a Quotient</strong> pp. 72–73&lt;br&gt;Students complete independently.&lt;br&gt;<strong>Support Coach- Lesson 8</strong>&lt;br&gt;<strong>Problem Solving With Rational Numbers</strong> pp. 78–83.&lt;br&gt;<strong>Ready to go</strong>- 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 <strong>Problem Solving- Dog Walking</strong> pp. 82-83 Problem solving with fractions. <strong>Fluency Practice- Division Practice</strong>&lt;br&gt;5 min</td>
<td><strong>Support Coach Lesson 7</strong> Dividing Rational Numbers pp. 70–73.&lt;br&gt;<strong>Ready to Go</strong>- pp.70-71. Complete independent practice pp. 70-71. Students check their answers with each other.&lt;br&gt;<strong>Problem Solving - Building a Quotient</strong> pp. 72–73&lt;br&gt;Students complete independently.&lt;br&gt;<strong>Support Coach- Lesson 8</strong>&lt;br&gt;<strong>Problem Solving With Rational Numbers</strong> pp. 78–83.&lt;br&gt;<strong>Ready to go</strong>- 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 <strong>Problem Solving- Dog Walking</strong> pp. 82-83 Problem solving with fractions. <strong>Fluency Practice- Division Practice</strong>&lt;br&gt;5 min</td>
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<td><strong>Problem Solving: Time for Change</strong> pp. 52–53. Students work together to complete solving problems.&lt;br&gt;<strong>Support Coach Math Lesson 6</strong>&lt;br&gt;Multiplying Rational Numbers pp. 54-61.&lt;br&gt;<strong>Plug In-</strong> Multiplying Fractions pp. 54-55. Students discuss with teacher and complete do section and practice. Students explain what it means to multiply fractions.&lt;br&gt;<strong>Power Up-</strong> Using Rules to Multiply Integers, pp. 56-57. Teacher discuss and students work in pairs to complete the do section and practice section,&lt;br&gt;<strong>Ready to Go</strong>- pp. 58-59. Students complete review of skills and complete practice section with a partner and check answers. <strong>Option: Administer the quizzes for Lessons 5 and 6</strong></td>
<td><strong>Support Coach Lesson 7</strong> Dividing Rational Numbers pp. 70–73.&lt;br&gt;<strong>Ready to Go</strong>- pp.70-71. Complete independent practice pp. 70-71. Students check their answers with each other.&lt;br&gt;<strong>Problem Solving - Building a Quotient</strong> pp. 72–73&lt;br&gt;Students complete independently.&lt;br&gt;<strong>Support Coach- Lesson 8</strong>&lt;br&gt;<strong>Problem Solving With Rational Numbers</strong> pp. 78–83.&lt;br&gt;<strong>Ready to go</strong>- 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 <strong>Problem Solving- Dog Walking</strong> pp. 82-83 Problem solving with fractions. <strong>Fluency Practice- Division Practice</strong>&lt;br&gt;5 min</td>
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<td><strong>Support Coach</strong> <strong>Lesson 9</strong></td>
<td><strong>Fluency Practice- Multiplication Practice</strong> 5 min</td>
<td><strong>Fluency Practice- Division &amp; Multiplication Practice</strong> 5 min</td>
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<td>Factoring and Expanding Linear Expressions pp. 84-91.</td>
<td><strong>Problem Solving- Join the Club!</strong> pp. 92–93 Students solve problems and then write one of their own for a buddy to solve. (They must have correct answer handy.) 25 min</td>
<td><strong>Ready to Go-</strong> pp. 98-101 Teacher leads lesson review and students work together on that section and complete odd problems on practice section. 40 min</td>
<td><strong>Problem Solving Lesson Back- to- School Shopping</strong> pp. 102-103. Students complete the problem on their own. 30 min</td>
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<td><strong>Plug In-</strong> 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.</td>
<td><strong>Support Coach-</strong> <strong>Lesson 10 Applying Properties to Solve Problems pp. 94-97.</strong></td>
<td><strong>Performance Task-</strong> Teacher choice from Teacher Manual and students work in groups to begin and complete today. 30 min</td>
<td><strong>Support Coach-</strong> <strong>Lesson 11 Solving Multi-Step Problems pp. 104-111.</strong></td>
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<td><strong>Power Up-</strong> Using the Distributive Property. Teacher leads discussion and works with finding GCF. Students complete Practice On their own. Pp. 86-87.</td>
<td><strong>Plug In-</strong> Estimation Strategies Teacher leads lesson, reviews compatible numbers and students compete practice section.</td>
<td><strong>Option: Administer the quizzes for Lessons 9 and 10</strong></td>
<td><strong>Plug in-</strong> Problems with Decimals pp. 104-105. Teacher connects science and math and reads the lesson to discuss with students and complete practice.</td>
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<td><strong>Ready to Go-</strong> 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. 75 min.</td>
<td><strong>Power Up-</strong> 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. 45 min</td>
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<td><strong>Power Up-</strong> Problems with Fractions pp. 106-107. Teacher reminds students on purpose of multiplying fractions as they solve problem examples and practice. 40 min</td>
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<td><strong>Fluency Practice - Division &amp; Multiplication Practice</strong>&lt;br&gt; <strong>5 min</strong></td>
<td><strong>Support Coach Math Lesson 12 Solving Word Problems Algebraically pp. 114–123</strong>&lt;br&gt; <strong>Plug In Solving One-Step Algebraic Equations</strong>, Review vocabulary word focus. Teacher guides lesson and students discuss and practice pp. 114-115.&lt;br&gt; <strong>Power Up</strong> pp. 116-117.&lt;br&gt; Teacher leads lesson and conducts discussion and do as students complete practice portion.&lt;br&gt; (Assess where they are on these two skills)&lt;br&gt; <strong>Ready to Go</strong>- pp. 118-121. Review vocabulary words and discuss the Review Lesson Link p. 118.&lt;br&gt; Students complete Work Together and Practice in pairs pp. 119-121.&lt;br&gt; <strong>65 min</strong>&lt;br&gt; <strong>Problem Solving - Parking Pavement pp. 122-123</strong>&lt;br&gt; Students work with teacher on teaching example and try practice problem 1&lt;br&gt; <strong>10 min</strong></td>
<td><strong>Fluency Practice - Division &amp; Multiplication Practice</strong>&lt;br&gt; <strong>5 min</strong></td>
<td><strong>Ready to Go</strong>- pp. 128-131. Students complete Work Practice in pairs on pp. 130-131.&lt;br&gt; <strong>25 min</strong>&lt;br&gt; <strong>Problem Solving - Walkathon pp. 132-133</strong>&lt;br&gt; Students work with teacher on teaching example and work together to solve problems.&lt;br&gt; <strong>20 min</strong>&lt;br&gt; <strong>Performance Task</strong> - Teacher choice from Teacher Manual and students work in groups to begin and complete today.&lt;br&gt; <strong>30 min</strong></td>
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| **Fluency Practice - Division & Multiplication Practice**  
5 min | **Problem Solving - Reading Maps pp. 142-143**  
Students work with teacher on teaching example and work together to solve problems.  
20 min | **Support Coach - Complete Assessment and reflect on learned skills in Summer Program.**  
45 min | We suggest if time permits that you focus on Lessons 16 and 17 as the next priorities in your curriculum  
OR |
| **Support Coach Math Lesson 14 Scale Drawings pp. 134-143** | **Performance Task - Teacher choice from Teacher Manual and students work in groups to begin and complete today.**  
30 min | **Performance Task - cont. students complete and share in groups with rest of class after assessment.**  
30 min | Include more quizzes as formative assessments  
OR |
| **Plug In Writing and Solving Proportions**  
Review vocabulary word focus. Teacher guides lesson and students discuss and practice pp. 134-135.  
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)  
Students complete Work Together and Practice in pairs on pp. 139–141.  
70 min | **Support Coach - Administer the first portion of Support Test 2 as a Posttest.**  
25 min | Work in more Performance Tasks. |
Students complete Work Together and Practice in pairs on pp. 139–141.  
70 min | **Option: Administer the quizzes for Lessons 13 and 14** |