

## Grade 7 Math Proficiency Map

|                    |                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                           |                                                                                                                                                                                    | End of Trimester 1<br>October 25                                                                                                                                                                                                                                                                                 |                                                                                                                                                               | End of Trimester 2<br>Feb. 14                                                                                                                                                                                                  | <b>All Essential<br/>Standards<br/>Taught by Unit 7</b>                                                                                                                                                   | End of Trimester 3<br>May 21                                                                                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Grade<br/>7</b> | <p style="text-align: center;"><b>Unit 1:</b><br/><u>The Real<br/>Number System</u></p> <p>8/7/23 - 9/19/23<br/><i>Note: First week is<br/>classroom/ school<br/>procedures,<br/>diagnostics, etc.</i></p> <p style="text-align: center;"><b>31 Days<br/>Ends 9/19<br/>ESA #1</b></p> | <p style="text-align: center;"><b>Unit 2:</b><br/><u>Expressions and<br/>Equations</u></p> <p>9/20/23 -<br/>10/16/23</p> <p style="text-align: center;"><b>19 Days<br/>Ends 10/16</b></p> | <p style="text-align: center;"><b>Unit 3:</b><br/><u>Inequalities</u></p> <p>10/17/23 -<br/>11/7/23</p> <p style="text-align: center;"><b>16 Days<br/>Ends 11/7<br/>ESA #2</b></p> | <p style="text-align: center;"><b>Unit 4:</b><br/><u>Ratios &amp;<br/>Proportions</u></p> <p>11/8/23 -<br/>12/12/23</p> <p style="text-align: center;"><b>19 Days<br/>Ends 12/12</b></p>                                                                                                                         | <p style="text-align: center;"><b>Unit 5:</b><br/><u>Percents</u></p> <p>1/4/24 - 1/30/24</p> <p style="text-align: center;"><b>18 Days<br/>Ends 1/30</b></p> | <p style="text-align: center;"><b>Unit 6:</b><br/><u>2D Geometry<br/>(Circles,<br/>Triangles &amp;<br/>Angles)</u></p> <p>1/31/24 -<br/>3/13/24</p> <p style="text-align: center;"><b>29 Days<br/>Ends 3/13<br/>ESA #3</b></p> | <p style="text-align: center;"><b>Unit 7:</b><br/><u>3D Geometry<br/>(Surface Area &amp;<br/>Volume)</u></p> <p>3/14/24 -<br/>4/12/24</p> <p style="text-align: center;"><b>16 Days<br/>Ends 4/12</b></p> | <p style="text-align: center;"><b>Unit 8</b><br/><u>Statistics &amp;<br/>Probability</u></p> <p>5/6/24 -<br/>5/17/24</p> <p style="text-align: center;"><b>10 Days<br/>Ends 5/17</b></p> |
| <b>RP</b>          |                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                           |                                                                                                                                                                                    | <p><b><u>7.RP.1 Compute<br/>Unit Rate</u></b><br/><b><u>7.RP.2a<br/>Equivalent<br/>Ratios</u></b><br/><b><u>7.RP.2b<br/>Unit Rates</u></b><br/><b><u>7.RP.2c<br/>Represent<br/>Proportional<br/>Relationships<br/>by Equations</u></b><br/><b><u>7.RP.2d Graph<br/>of Proportional<br/>Relationships</u></b></p> | <p><b><u>7.RP.3<br/>Solve Multi-Step<br/>Ratio &amp; Percent<br/>Problems</u></b></p>                                                                         |                                                                                                                                                                                                                                |                                                                                                                                                                                                           |                                                                                                                                                                                          |

Key: Standards that are addressed in more than one unit are denoted with \*  
Essential standards are **bold and underlined**  
"Important-to-know" standards have no formatting  
"Nice-to-know" standards are *italicized*

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| NS | <p>7.NS.1a<br/>Opposite<br/>Quantities</p> <p><b>7.NS.1b</b><br/><b>Sums of</b><br/><b>Rational</b><br/><b>Numbers</b></p> <p><b>7.NS.1c</b><br/><b>Subtraction of</b><br/><b>Rational</b><br/><b>Numbers</b></p> <p><b>7.NS.1d</b><br/><b>Add &amp; Subtract</b><br/><b>Rational</b><br/><b>Numbers</b></p> <p><b>7.NS.2a.b.c.d</b><br/><b>Multiplying &amp;</b><br/><b>Dividing</b><br/><b>Rational</b><br/><b>Numbers</b></p> <p>7.NS.3<br/>Solve<br/>Real-World<br/>Problems<br/>w/Rational<br/>Numbers</p> |                                                                                                                                                                                                                                                                                                                                                                   |                                                                    |  |                                                                                                                                                      |  |  |  |
| EE |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p><b><u>7.EE.1</u></b><br/><b>Apply</b><br/><b>Properties of</b><br/><b>Operations</b></p> <p><b><u>7.EE.2</u></b> <b>Rewriting</b><br/><b>Expressions</b></p> <p><b><u>*7.EE.3</u></b><br/><b>Solve Multi-step</b><br/><b>Math Problems</b><br/><b>(Positive &amp;</b><br/><b>Negative)</b></p> <p><b><u>*7.EE.4a</u></b> <b>Solve</b><br/><b>Equations</b></p> | <p><b><u>*7.EE.4b</u></b> <b>Solve</b><br/><b>Inequalities</b></p> |  | <p><b><u>*7.EE.3</u></b><br/><b>Solve Multi-step</b><br/><b>Math problems</b><br/><b>(Positive Only</b><br/><b>Here for</b><br/><b>Percents)</b></p> |  |  |  |

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|---|--|--|--|-------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|
| G |  |  |  | <u>7.G.1</u><br><b>Solve Problems Involving Scale</b> |  | <i>*7.G.6</i><br><b>Solve Area Problems</b><br>7.G.4 Area & Circumference of Circles<br>7.G.5 Equations for Unknown Angles | <i>*7.G.6</i><br><b>Solve Surface Area &amp; Volume Problems</b><br>7.G.3 Slicing 3D Figures |  |
|---|--|--|--|-------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|

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