

# **RICHMOND PUBLIC SCHOOLS**



**SUGGESTED PACING CHART**  
**MATHEMATICS**  
**Grade 8**  
**Department of Instruction**  
**2018-2019**

Jupdated 12/17/18 ZH

Semester	Standards of Learning	Strands/Concepts	Suggested Time for Instruction
1st Weeks	<ul style="list-style-type: none"> <li>● <b>Procedures &amp; Routines/ Pre-Assessments and Review</b></li> <li>● 8.1</li> <li>● 8.3</li> <li>● 8.2</li> <li>● 8.14</li> <li>● 8.4</li> <li>● <b>Review Nine Week Objectives/ Makeups/ Cumulative Assessment</b></li> </ul>	<ul style="list-style-type: none"> <li>● <b>NWEA (MAP) or Power school aligned pre-assessment; Review</b></li> <li>● Number and Number Sense: Compare and Order Numbers</li> <li>● Number and Number Sense: Square Roots</li> <li>● Number and Number Sense: The Real Number System</li> <li>● Patterns, Functions, and Algebra: Algebraic Expressions</li> <li>● Computation and Estimation: Consumer Applications</li> </ul>	<ul style="list-style-type: none"> <li>● <b>9 days</b></li> <li>● 5 days</li> <li>● 5 days</li> <li>● 5 days</li> <li>● 8 days</li> <li>● 11 days</li> <li>● <b>5 days</b></li> </ul>
2nd Weeks	<ul style="list-style-type: none"> <li>● 8.17</li> <li>● 8.18</li> <li>● 8.15</li> <li>● 8.16</li> <li>● <b>Review Nine Week Objectives/ Makeups/ Cumulative Assessment</b></li> </ul>	<ul style="list-style-type: none"> <li>● Patterns, Functions, and Algebra: Multistep Equations</li> <li>● Patterns, Functions, and Algebra: Multistep Inequalities</li> <li>● Patterns, Functions, and Algebra: Functions</li> <li>● Patterns, Functions, and Algebra: Slope</li> </ul>	<ul style="list-style-type: none"> <li>● 15 days</li> <li>● 5 days</li> <li>● 5 days</li> <li>● 12 days</li> <li>● <b>5 days</b></li> </ul>
2nd Semester	Standards of Learning	Strands/Concepts	Suggested Time for Instruction
3rd Weeks	<ul style="list-style-type: none"> <li>● 8.11</li> <li>● 8.12</li> <li>● 8.13</li> </ul>	<ul style="list-style-type: none"> <li>● Probability and Statistics: IV and DV events</li> <li>● Probability and Statistics: Boxplots</li> <li>● Probability and Statistics: Scatterplots</li> </ul>	<ul style="list-style-type: none"> <li>● 5 days</li> <li>● 4 days</li> <li>● 5 days</li> </ul>

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	<ul style="list-style-type: none"> <li>● 8.9</li> <li>● 8.5</li> <li>● 8.6</li> <li>● <b>Review Nine Week Objectives/ Makeups/ Cumulative Assessment</b></li> </ul>	<ul style="list-style-type: none"> <li>● Measurement and Geometry: Pythagorean Theorem</li> <li>● Measurement and Geometry: Angles</li> <li>● Measurement and Geometry: Surface Area and Volume</li> </ul>	<ul style="list-style-type: none"> <li>● 5 days</li> <li>● 5 days</li> <li>● 8 days</li> <li>● <b>5 days</b></li> </ul>
th Weeks	<ul style="list-style-type: none"> <li>● 8.7</li> <li>● 8.10</li> <li>● 8.8</li> <li>● <b>Review All Objectives/ Makeups/ Cumulative Assessment</b></li> </ul>	<ul style="list-style-type: none"> <li>● Measurement and Geometry: Transformation</li> <li>● Measurement and Geometry: Composite Figures</li> <li>● Measurement and Geometry: Three-Dimensional Model</li> </ul>	<ul style="list-style-type: none"> <li>● 5 days</li> <li>● 5 days</li> <li>● 2 days</li> <li>● <b>5 days</b></li> </ul>