

## Essential Standards & Pacing Guide Math Grade 8th

**\*K-6 Teachers: As you are developing this document, please refer to Michele’s “Hinge Standards”. Also, please work to find the activities within the Units that target the Essential Standards. Thank you very much for your hard work! *You will be helping teachers across the district!***

	Essential Standards	Unit/Activities	Suggested Formative Assessment(s)	
<b>Week 1</b>		Procedures, Routines, Refreshing Integers-Adding, Subtracting, Multiplying, IXL	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 2</b>	8.EE. 5	Chapter 1-Proportions-1.2.1, 1.2.2,	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 3</b>	Prep for 8.EE.7a& b	Chapter 2-Combining Like Terms-/Algebra Tiles 2.1.1-2.1.7	Mini Quiz-Go Formative/ Go Google Form	

<b>Week 4</b>	Prep for 8.EE.7a&b	Chapter 2-Combining Like Terms-/Algebra Tiles 2.1.1-2.1.7	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 5</b>	8.EE.7a&b	Chapter 2 Solving Equations-2.1.8 and 2.1.9	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 6</b>	8.F.1, 8.F.2, 8.F.3, 8.F.4	Chapter 3 Patterns, Graph, and Tables 3.1.2-3.1.5	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 7</b>	8.F.1, 8.F.2, 8.F.3, 8.F.4, 8.EE.7a&b	Chapter 3 Graphing and Solving Equations and How Many Solutions 3.1.6-3.2.2	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 8</b>	8.EE.7b	Chapter 3 Solving Equations 3.2.3-3.2.5	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 9</b>	8.F.2, 8.F.4	Chapter 4 Growth in Linear Rules and Graphs 4.1.1-4.1.3	Mini Quiz-Go Formative/ Go Google Form	

<b>Week 10</b>	8.F.2, 8.F.4, 8.EE.6	Chapter 4 Graphing Lines 4.1.4-4.1.6	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 11</b>	8.EE.7b	Chapter 5 Solving Equations with Fractions  5.1.1 5.1.2	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 12</b>	8.EE.8a,b, c	Chapter 5 Introduction to Systems of Equations, Solving systems of Graphing 5.2.1, 5.2.2, 5.2.3 * Possible Teacher supplementation	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 13</b>	8.EE.8b,c	Chapter 5 Solving System Review 5.2.4 5.3?	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 14</b>	8.G.1, 8.G.2, 8.G.3, 8.G.4	Chapter 6-Transformations 6.1.1-6.1.4	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 15</b>	8.G.1, 8.G.2, 8.G.3, 8.G.4	Chapter 6 Transformations-Dilations 6.2.1-6.2.3	Mini Quiz-Go Formative/ Go Google Form	

<b>Week 16</b>	8.G.2, 8.G.4	Chapter 6 Transformations-Similar Figures 6.2.4-6.2.6	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 17</b>	8.SP.1, 8.SP.2, 8.EE.6, 8.F.3	Chapter 7 ScatterPlot and Slope 7.1.2-7.2.1	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 18</b>	8.EE.6	Chapter 7 Slope 7.2.2-7.2.4	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 19</b>	8.SP.2, 8.SP.3, 8.SP.4	Chapter 7 Patterns of Association and Bivariate Data(Ha Ha) 7.3.1-7.3.3-and Chapter Closure	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 20</b>	8.F.3	Chapter 8 Patterns of Growth in Tables and Rules/Compound Interest 8.1.1-8.1.3	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 21</b>  *	8.EE.1	Chapter 8 Exponent Rules 8.2.1 (only exponents), 8.2.2, and 8.2.3	Mini Quiz-Go Formative/ Go Google Form	
<b>Week 22</b>  *	8.EE.1, 8.EE.3, 8.EE.4	Chapter 8 Exponent Review,,Scientific Notation, and Functions 8.2.1 (only Scientific Notation), 8.2.4, and 8.3.1	Mini Quiz-Go Formative/ Go Google Form	

<b>Week 23</b> *	8.G.5	<b>Chapter 9 Angles- 9.1.1-9.1.2</b>	<b>Mini Quiz-Go Formative/ Go Google Form</b>	
<b>Week 24</b> *	8.G.5	<b>Chapter 9 Angles 9.1.3-9.1.4</b>	<b>Mini Quiz-Go Formative/ Go Google Form</b>	
<b>Week 25</b> *	8.EE.2, 8.G.7	<b>Chapter 9 Square Roots and Pythagorean Theorem Square Roots before PT-Teacher Notes on SR. 9.2.3-SR, 9.2.1, 9.2.2</b>	<b>Mini Quiz-Go Formative/ Go Google Form</b>	
<b>Week 26</b> *	8.EE.2, 8.G.6, 8.G.7, 8.G.8	<b>Chapter 9 Pythagorean Theorem 9.2.4-through Chapter Closure-Teacher Discretion</b>	<b>Mini Quiz-Go Formative/ Go Google Form</b>	
<b>Week 27</b> *	8.EE.2 8.G.9	<b>Chapter 10-Cube Roots and Surface Area and Volume of a Cylinder 10.1.1, 10.1.2</b>	<b>Mini Quiz-Go Formative/ Go Google Form</b>	
<b>Week 28</b> *	8.G.9	<b>Chapter 10 Volumes of Cones, Pyramids, and Sphere  10.1.3 and 10.1.4</b>	<b>Mini Quiz-Go Formative/ Go Google Form</b>	
<b>Week 29</b>	8.G.9	<b>Chapter 10 Application of Volume 10.1.5</b>	<b>Mini Quiz-Go Formative/ Go Google Form</b>	

<b>Week 30</b>				
<b>Week 31</b>				
<b>Week 32</b>				
<b>Week 33</b>				
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<b>Week 36</b>				
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