

1<sup>st</sup> Grading Period  
August 19 – October 16

Monday	Tuesday	Wednesday	Thursday	Friday
17 <b>Staff Day</b>	18 <b>Staff Day</b>	19 <b>Syllabus: Procedures/Expectations</b>  <b>About Me Activity</b>	20 <b>Math Models Pretest #1-25</b>  <b>Check and collect data regarding most missed concepts</b>	21 <b>Math Models Pretest #26-50</b>  <b>Check and collect data regarding most missed concepts</b>
24 Unit: Proportions Topic: Using proportions to solve word problems TEKS: 5A Students solve real-world problems involving ratios using proportions.  Notes/examples: Set up and solve for a missing ratio value using proportions.  <b>CW: Envelope WS</b>	25 Unit: Proportions & Percents Topic: Using proportions to find unit rates and express ratios as percents. TEKS: 5A Students will find unit rates in order to compare costs and find the better buy.  Notes: Unit rates and ratios as percents.  <b>CW: Unit Rates packet (find better buy, find unit rates for each problem, express ratios as percents.</b>	26 Unit: Proportions and percents Topic: Using ratios to find percent of a number or a number representing a given percent. TEKS: 5A Students will calculate % of a number using mathematical equations.  Notes: Using written statement to set up mathematical equation to find % values.  <b>CW: Percents WS (Left column only: converting percent to decimal, finding % of a number</b>	27 Unit: Proportions and Percents Topic: Using ratios and proportions to find sales tax, tip, % of larger amount, etc. TEKS: 5A, 2B Students will set up and solve proportions to calculate tip, tax and percent of smaller to whole amount.  Notes: Financial application of proportions and percents  <b>CW: Percents WS (Right column): Word problems involving tip, tax, percent of whole</b>	28 <b>Unit: Proportions and percent</b> <b>Topic: Using proportions to calculate percent increase/decrease</b> <b>TEKS: 5A, 2B</b> <b>Students will set up and solve proportions in order to calculate the percent increase or decrease (for future application in finance unit)</b>  <b>Notes: Formula to calculate percent increase/decrease</b>  <b>CW: Percentage Increase/Decrease WS</b>
31 Unit: Proportions and Percents Topic: Distributive Property TEKS: Algebra 5A Student will use the distributive property to simplify algebraic expressions	<b>Sept 1</b> Unit: Proportions and Percents Topic: Using proportions to solve algebraic equations TEKS: 5A Students will use proportions and distributive property to solve problems in one variable.	2 <b>Test 1 Review: Ratios and Proportions</b>  <b>Student will appropriately using ratio and proportions to correctly solve problems involving percents (tip, tax, increase/decrease,</b>	3 <b>Test 1 Ratios and Proportions</b>  <b>Student will appropriately using ratio and proportions to correctly solve problems involving percents (tip, tax, increase/decrease, % of whole) and</b>	4  <b>Unit: linear equations</b> <b>Topic: Writing linear expressions</b> <b>TEKS A1:5A</b> <b>Book MM 2.5</b>  <b>Student will write equations from verbal expressions</b>

<p>Notes/examples: Distributive Property</p> <p><b>Class activity: Round the Room (6 problems: using distributive property to simplify expressions. Partner check.</b></p>	<p>Notes/examples: using proportions to solve algebraic equations</p> <p><b>CW: Daffynition Decoder WS</b></p>	<p><b>% of whole) and one variable algebraic equations.</b></p>	<p><b>one variable algebraic equations.</b></p>	
<p>7</p> <p><b>Holiday</b></p>	<p>8</p> <p>Topic: Exponential Rules and scientific notation TEKS: A1:6B Book MM 2.5</p> <p>Student will use rules of exponents to simplify expressions</p>	<p>9</p> <p>Topic: Exponential Rules TEKS A1: 6B Book MM 2.5</p> <p>Students will use rules of exponents to simplify expression to the smallest terms.</p>	<p>10</p> <p>Topic: 1 and 2 step equations TEKS: A1: 5A Book MM 2.4</p> <p>Student will solve 1 and 2 step equations in one-variable</p> <p><b>CW: Hook WS 2.4 (evens)</b></p>	<p>11</p> <p>Topic: Solving 2-step equations TEKS A1: 5A Book MM 2.4</p> <p>Student will solve 1 and 2 step equations in one-variable</p> <p><b>CW: WS 2.5 (all) Write and solve</b></p>
<p>14</p> <p>Topic: Solving equations with variables on both sides TEKS Aa1: 5A Book MM 2-5</p> <p>Student will solve multi-step equations with variables on both sides</p> <p><b>HW: Solving equations maze (Solve 10 problems)</b></p>	<p>15</p> <p><b>Topic: Solving equation with rational numbers</b> TEKS A1:5A Book MM 2-5</p> <p>Student will solve multi-step equations with variables on both sides and containing rational numbers</p> <p><b>CW: Solving a puzzle using solutions to multi-step rational equations</b></p>	<p>16</p> <p><b>Topic: Literal Equations</b> TEKS: A1:12E Book: MMA 1-2</p> <p><b>Student will solve for a given variable in order to rewrite formulas to be used in real-world problems</b></p> <p><b>CW: MMA p. 33-34</b></p>	<p>17</p> <p><b>Topic: Writing and solving equations in real-world problems.</b> TEKS: A1: 5A Book: MMA 1-4</p> <p><b>Student will write and solve real-world application problems using inverse operations to isolate variables.</b></p> <p><b>CW: MMA pg. 44-45</b></p>	<p>18</p> <p><b>Topic: Writing and solving equations in real-world problems.</b> TEKS: A1: 5A Book: MMA 1-4</p> <p><b>Student will write and solve real-world application problems using inverse operations to isolate variables.</b></p>

<p><b>21</b>Topic: Linear Inequalities TEKS: A1: 5B Book: MM 2-6</p> <p>Student will solve one-variable inequalities using inverse operations and graph on the number line.</p> <p>CW: TBD</p>	<p><b>22</b>Topic: Review activity/clarification of concepts TEKS: A1: 5A, 5B, 12E</p> <p>Students will write and solve equations and inequalities in one variable.</p> <p>CW: Review over inequalities and review of previous concepts</p>	<p><b>23</b> Topic: Review TEKS: A1: 5A, 5B, 12E</p> <p>Students will write and solve equations and inequalities in one variables.</p> <p>HW: Test Review</p>	<p><b>24</b></p> <p>MM Test 1.2 over writing and solving equations and inequatliteis.</p>	<p><b>25</b></p>
<p><b>28</b></p> <p>Staff Day</p>	<p><b>29</b></p>	<p><b>30</b></p>	<p>Oct 1</p>	<p><b>2</b></p>
<p><b>5</b></p>	<p><b>6</b></p>	<p><b>7</b></p>	<p><b>8</b></p>	<p><b>9</b></p> <p>Staff Day</p>
<p><b>12</b></p> <p>Holiday</p>	<p><b>13</b></p>	<p><b>14</b></p>	<p><b>15</b></p>	<p><b>16</b></p>

2<sup>nd</sup> Grading Period  
October 20 – December 18

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Oct 19</p> <p>Staff Day</p>	<p>20</p>	<p>21</p>	<p>22</p>	<p>23</p>
<p>26</p>	<p>27</p>	<p>28</p>	<p>29</p>	<p>30</p>

Nov 2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
<b>Thanksgiving Break Nov 23-27</b>				
30	Dec 1	2	3	4
7	8	9	10	11
14	15	16	17	18

3<sup>rd</sup> Grading Period  
January 11 – March 11

<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
Jan 11	12	13	14	15
18 Holiday	19	20	21	22
25	26	27	28	29
Feb 1	2	3	4	5
8	9	10	11	12 Staff Day
15 Holiday	16	17	18	19
22	23	24	25	26
Mar 1	2	3	4	5
8	9	10	11	12 Staff Day

4<sup>th</sup> Grading Period  
March 22 – May 27

<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
Mar 22	23	24	25	26
29	30	31	Apr 1	2 Holiday
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	30
May 3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28

			½ day	Staff Day
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