

GRADE 3 MATH CURRICULUM MAP 2007-2008

September	October	November	December	January
<p>2:06 Decomposing numbers</p> <ul style="list-style-type: none"> • Place Value mats • Problem Solvers • Daily Math Problems <p>3:2 and 2:01, 2:03, 2:07 Place value up to ten thousand, expanded notation, odd/even, greater/less than, equal to</p> <ul style="list-style-type: none"> • Place value mat with base 10 blocks • Arrange place value cards • Place value flip chart read numbers • Place value number cards to build and read numbers • Paper-identify place value of underlined digit in a number • Play close to one hundred game • Play number hangman • Practice papers on odd/even, place value, and greater than, less than, equals <p>2:22 Recognize Fractions</p> <ul style="list-style-type: none"> • Hershey Bar Math • M and M Math 	<p>43:4 and 2:01, (M.UN. 2:07) Rounding with 10s, 100s, 1000s, and 10,000s and to the nearest dollar.</p> <ul style="list-style-type: none"> • Student made rounding lines • Student made song about rounding • Poem about rounding • Practice sheets • Problems on the board • Adding and Subtracting rounded numbers to begin estimating • Word problems 	<p>3:4 Demonstrating the concepts of multiplication as repeated addition and multiplication and division as inverse operations, and recall multiplication facts through ten times ten.</p> <ul style="list-style-type: none"> • M and M math • Hershey math • Multiplication the Fun Way • Daily math problems • Seatwork of drill • Flashcards • Triangle flashcards • Shoebox Math 	<p>3:4 Demonstrating the concepts of multiplication as repeated addition and multiplication and division as inverse operations, and recall multiplication facts through ten times ten.</p> <ul style="list-style-type: none"> • Multiplication the Fun Way • Story Problems • Timed facts tests 	<p>3:4, 3:5 Multiplication/Division</p> <ul style="list-style-type: none"> • Work with manipulatives <ul style="list-style-type: none"> ○ Unifix cubes and tiles ○ Quisnaire rods • Work with 0, 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12 separately then combined • Practice with worksheets, manipulatives, and book work • Multiply 2 digit numbers • Division with remainders <ul style="list-style-type: none"> ○ Dog bowl ○ Traditional • Assessments 3:4

February	March	April	May	June
<p>3:5 and 3:6 Finish Multiplication Tables</p> <ul style="list-style-type: none"> • 6s, 7s, 8s • Fact Families • Practice Division • Worksheets • “Around the World” • Multiplication with 10s, 100s, 1000s • Student created triangle flashcards to be used for multiplication and division • Long Division • Writing Story Problems with Multiplication and Division 	<p>3:6 Multiplying 2 and 3 digit by 1 digit numbers with no trading</p> <ul style="list-style-type: none"> ▪ Practice with worksheets ▪ Practice story problems ▪ 3:6 Assessment <p>3:7 Numbers and Operations</p> <ul style="list-style-type: none"> ▪ Story Problems ▪ Using the words sum, difference, product, and quotient ▪ Writing Mathematical Sentences <p>3:10 Measurement</p> <ul style="list-style-type: none"> • Make analog clocks • White board showing digital clocks • Practice time elapse problems • Worksheets on time elapse problems • Practice a.m., p.m. story problems 	<p>3:10 Measurement</p> <ul style="list-style-type: none"> • White board showing digital clocks • Practice time elapse problems • Assessment <p>3:12 Measurement</p> <ul style="list-style-type: none"> ○ Solve applied problems involving money ○ Sharing different types of money ○ Practice counting real money and writing symbols for money ○ Practice adding and subtracting money ○ Solving story problems about money ○ Making change ○ Assessment <p>3:13 Measurement--Distinguish between perimeter and area, estimate and calculate the perimeter of polygons and area of rectangles, use the appropriate unit of measure and solve related contextual problems.</p> <ul style="list-style-type: none"> ○ Show comparison of Multiplication and area ○ Perimeter practice ○ Make perimeter and area examples on whiteboard, packet, manipulatives ○ Assessment 	<p>3:1 Fractions</p> <ul style="list-style-type: none"> ▪ Introduce Mr. Pizza ▪ Introduce(Mr. De Nominator) ▪ Introduce (Ms. Numerator) ▪ Create Manipulative Fractions ▪ Comparing ▪ Ordering ▪ 3:1 Assessment <p>3:13 Measurement Area/Perimeter</p> <ul style="list-style-type: none"> ▪ Area pictures ▪ Perimeter pictures ▪ Comparing to multiplication ▪ Banquet tables area ▪ Area/perimeter packet <p>3:8 Temperature</p> <ul style="list-style-type: none"> ▪ Class tracks temperature for a month ▪ Practice warm and cold ▪ Practice differences between Fahrenheit and Celsius <p>3:9 Measurement common units of</p> <ul style="list-style-type: none"> ▪ Measuring objects in metric in the room ▪ Weight comparison on a balance ▪ Compare standard measure to metric ▪ Measurement golf. 	<p>See May.</p>