

Third Grade Math Curriculum Map 2013-2014

First Nine Weeks

(Chapters 1,2,3,4,6,7,8) Math in Focus

3.NBT.2 Counting, Place Value, Comparing and Ordering Numbers (Add and Subtract within 1000)

3.NBT.1 Place Value, Rounding Whole Numbers to the nearest 10 or 100, Add and Subtract using mental math strategies

3.OA.8 Solve 2 step word problems using 4 operations

3.OA.1 Interpret products of whole numbers (multiplication and division)

3.OA.5 Apply properties of operations ex. Commutative property

3.OA.9 Patterns in multiplication and Division

3.OA.3 Multiplication and Division Word Problems within 100 ex. Arrays, equal groups

3.OA.2 Interpret Whole Number Quotients (Division)

3.OA.7 FLUENTLY multiply and divide within 100 using strategies

3.OA.4 Determine unknown whole number in multiplication *supplement unknown quantities*

3.OA.6 Division unknown factor *supplement unknown quantities*

3.NBT.3 Multiply one digit whole numbers by multiples of 10 (2 digit by 1 digit) *supplement*

Second Nine Weeks

(Chapters 11,13,14,15.1,16.1,16.2,16.3,16.4) Math in Focus

3.MD.2 Measure and estimate liquid volumes and masses of objects

3.MD.4 Generate measurement data by measuring lengths using rulers (to the nearest half or fourth inch) *supplement $\frac{1}{4}$ inch*

3.MD.3 Draw a scaled picture and bar graph *supplement making own graphs*

3.MD.1 Tell and Write time to the nearest minute and measure time intervals in minutes, solve word problems using time

3.NF.1 Understand fractions (part/whole)

3.NF.2 Understand/represent fractions on number lines

3.NF.2a Defining fraction intervals from 0 to 1 (partitioning into equal parts)

3.NF.2b Representing fractions on a number line (marking off lengths and endpoints)

3.NF.3 Equivalent and Comparing Fractions *supplement*

3.NF.3a Understand 2 fractions as equivalent with same size and/or same endpoint on a number line *supplement*

3.NF.3b Recognize and generate simple equivalent fractions ex. $\frac{1}{2}$ and $\frac{2}{4}$

3.NF.3c Express whole numbers as fractions *supplement $\frac{3}{1}$ equals 3

3.NF.3d Compare 2 fractions with same numerator or denominator using reasoning/explanations

Third Nine Weeks

(Chapter 18.1,18.2,18.3,19, SUPPLEMENT) Math in Focus

3.G.1 Attributes of shapes ex. Rhombus, rectangles, squares

3.G.2 Partition shapes into parts with equal areas

3.MD.5 Recognize area as an attribute of plane figures/understand area concepts

3.MD.5a Square units

3.MD.6 Measure areas by counting unit squares ex. Square cm

3.MD.5b Cover plane figures without gaps/overlaps

Fourth Nine Weeks

(Chapter 19 continued,SUPPLEMENT)

3.MD.8 Solve real word mathematical problems involving perimeter, side lengths, area (Ch.19)

3.MD.7 Relate area to multiplication and division

3.MD.7a Find area of rectangle using side lengths by tiling it and MULTIPLYING side lengths

3.MD.7b Solving real world problems, multiplying, rectangular areas, reasoning

3.MD.7c Use tiling to show concrete case Ex. Room layout, whole number side lengths a and $b+c$ is the sum of $a \times b$ and $a \times c$, distributive property

3.MD.7d Recognize area as additive, rectilinear figures (abnormal shape) use geoboards to help with this concept, decomposing them into non-overlapping rectangles and parts

REVIEW FOR TESTING