BUILD YOUR OWN MATH SYLLABUS GRADE 3 # of Lessons Topic Lesson # **Quarter I** Introduction to sets Defined sets, ways of defining sets Equal sets, empty sets **Euler-Venn diagrams** Euler-Venn diagrams, subsets Word problems. Classification. Highlighting parts of sets based on their properties Intersection of sets Properties of intersections of sets Union of sets Long multiplication of a two-digit number by a one-digit number Properties of unions of sets Addition and subtraction of sets Multi-digit numbers Writing multi-digit numbers Presenting natural numbers as a sum of addends Addition and subtraction of multi-digit numbers Writing named numbers Addition and subtraction of multi-digit numbers Addition and subtraction of multi-digit numbers Addition and subtraction of multi-digit numbers, carrying over Addition and subtraction of multi-digit numbers, carrying over Multiplication by 10, 100, 1000 Multiplication of round numbers Dividing by 10, 100, 1000 Division of round numbers III. **Quarter I Total Quarter II** Units of length Addition and subtraction on given numbers Units of weight, ton, centner Multiplication by one-digit numbers Multiplication of round numbers using the column method Solving problems Word problems about finding numbers based on their sum and difference Solving problems Division of multi-digit numbers by a one-digit number Solving problems Long division, division by one-digit numbers Division of round numbers with remainders Moving shapes on the plane Symmetry relative to a line Symmetrical shapes, building symmetrical shapes Units of time, calendar Units of time, clock Conversion of time units **Variables Expressions with variables** True or false statements **Equalities and inequalities** Equations and equation simplification Multi-step equations **Formulas** III. **Quarter II Total Quarter III** Velocity, time, distance Distance formula Solving problems Formulas for the relationship between quantities Formulas for the relationship between quantities Solving problems Problems about movement Problems about movement Solving problems Solving problems Multiplication by two-digit numbers Multiplication by two-digit numbers Multiplication by two-digit numbers Formula of cost Solving problems Multiplication of multi-digit round numbers Multiplication of multi-digit round numbers Solving problems with the cost formula Solving problems with the cost formula Solving problems Multiplication of multi-digit numbers by three-digit numbers Multiplication of multi-digit numbers by three-digit numbers Multiplication by three-digit number which has 0 in the tens place Multiplication by three-digit number which has 0 in the tens place Solving problems **Quarter III Total** III. **Quarter IV** Formula of work Formula of work Word problems with the work formula Solving problems Product formula Product formula Solving problems Solving problems Ways of solving compound problems Ways of solving compound problems Solving problems Solving problems Multiplication of multi-digit numbers Multiplication of multi-digit numbers Review: Grade 3 **Quarter IV Total** III