

MATHEMATICS III
GRADE LEVEL 3

#	Lesson	Lesson Content
1	Addition & Subtraction 1	Addition and subtraction of two-digit numbers. Regrouping in subtraction.
2	Understanding Numbers 1	Counting numbers to 100,000. Odd and even numbers. Skipping counting by 2, 3, 4, 5, and 10. Using ordinal numbers to show order.
3	Money 1	Counting bills and coins. Rounding money.
4	Money 2	Comparing and ordering money amounts. Adding and subtraction money amounts.
5	Ordering Numbers	Using a number line to show order and greater and less than. Rounding numbers to the nearest ten and nearest hundred. Roman numerals.
6	Fact Families	Students identify fact families and missing members of them.
7	Using Mental Math	Examples of different methods of computation using mental math.
8	Choosing the Operation	Students decide which operation to use and solve problems.
9	Addition & Subtraction 2	Students add three and four addends vertically and horizontally. Regrouping numbers using parentheses.
10	Extra Information	Students read problems, identify unneeded information, and solve problems.
11	Measuring 1	Students measure length using nonstandard and standard measurements. Students estimate length and apply appropriate units of length to measurement.
12	Graphing 1	Students gather information and apply to bar graphs. Students solve problems using bar graphs.
13	Addition & Subtraction 3	Students add two-digit numbers regrouping ones. Students add two-digit numbers regrouping tens. Students add three digit numbers including zeros and compare sums using greater than or less than.
14	Story Problems 1	Students are given information to formulate into problems. Students check for reasonableness of answer
15	Measuring 2	Measuring perimeters of given objects. Number palindromes. Estimating by using front digits.
16	Addition & Subtraction 4	Subtraction problems using two-digit whole numbers and regrouping. Subtraction problems using three-digit numbers. Estimating differences.
17	Using a Calculator	Students use calculators to repeat and extend patterns. Students follow multiple steps of instructions on the calculator.
18	Story Problems 2	Defining steps used in solving multiple-step problems. Students choose operations and solve two-step problems.
19	Addition & Subtraction 5	Subtraction three-digit number regrouping once. Subtracting three-digit number regrouping twice. Subtracting using zeros.
20	Understanding Numbers 2	Introduction to mean, median, mode and range.
21	Measuring 3	Estimating and measuring time, capacity, and mass. Students choose the best unit of measurement. Students write time.
22	Measuring 4	Students read temperature in Celsius and Fahrenheit. Students estimate and measure capacity and mass.
23	Finding Needed Facts	Students read information and identify missing information.
24	Multiplication 1	Definition and introduction to multiplication. Students write addition sentences and convert to multiplication sentences. Properties of multiplication.
25	Multiplication 2	Multiplication sentences using 2, 3, 4, and 5 as factors. Using a number line to multiply.
26	Multiplication 3	Multiplication using 6, 7, 8, and 9 as factors. Students identify patterns in multiplication table. Multiplying by tens and hundreds.
27	Multiplication 4	Multiplication using three factors. Grouping numbers using parentheses.

		Students solve problems with missing elements in all positions.
28	Multiplication 5	Introduction to area. Students estimate and calculate area of rectangles.
29	Division 1	Definition and introduction to division. Students place numbers in equal groups. Students write division sentences.
30	Division 2	Relating multiplication and division. Dividing by tens and hundreds.
31	Division 3	Students divide using 2, 3, 4, and 5. Students complete division tables. Students identify fact families.
32	Story Problems 3	Students read information, form plan, choose the correct operation, and solve problems having more than one step.
33	Division 4	Students divide using 6, 7, 8, and 9. Students complete division tables. Students identify fact families.
34	Division 5	Dividing larger numbers. Students divide three and four digit numbers by a one-digit number. Different methods of solving division problems.
35	Graphing 2	Students gather information and solve problems using pictographs.
36	Understanding Numbers 3	Addition, subtraction, multiplication, and results when using even and odd numbers
37	Graphing 3	Students gather information from chart, map, or graph and complete another graph with that information
38	Fractions 1	Definition and examples of fractions. Relation fractions to a whole.
39	Fractions 2	Finding parts of a set.
40	Fractions 3	Equivalent fractions. Students make list of equivalent fractions. Students compare and order size of fractions having the same denominator as to greater than or less than.
41	Fractions 4	Adding and subtraction fractions with like denominators.
42	Fractions 5	Introduction to mixed numbers. Comparing mixed numbers.
43	Decimals 1	Introduction and definition of decimals. Relating fractions to decimals. Decimal place value. Tenths and hundredths.
44	Decimals 2	Adding and subtracting decimals. Zeros and decimals. Students write decimal sentences. Students complete problems with missing elements in all areas.
45	Probability	Definition and examples of probability. Graphing the results of probability experiments. Making predictions based on probability statistics.
46	Geometry 1	Introduction and examples of lines, line segments, rays, and angles.
47	Geometry 2	Plane figures. Sliding, flipping, and turning geometric shapes. Congruence and lines of symmetry. Tessellations. Students identify polygons with up to six sides.
48	Geometry 3	Three-dimensional shapes. Identifying faces, edges, and corners. Finding volume.
49	Ordered Pairs	Using ordered pairs to locate points on a grid.
50	Logical Reasoning	Students use logic to solve problems. Students check for reasonability of answers.
51	Test 1	Review test of addition.
52	Test 2	Review test of subtraction.
53	Test 3	Review test of multiplication.
54	Test 4	Review test of division.
55	Test 5	Review test of fractions.
56	Test 6	Review test of decimals.
57	Test 7	Review test of measurement.
58	Test 8	Review test of geometry.
59	Comprehensive Test	Comprehensive test covering unit.