

Mathematics 1100 Teacher's Guide

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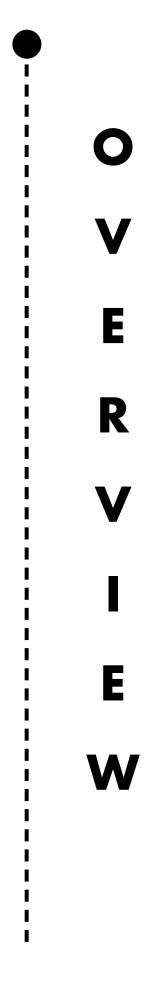
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MATHEMATICS

Curriculum Overview Grades K-12

Kindergarten

1-40 41-8	81-120	121-160
Directions-right, left, high, low, etc. Comparisons-big, little, alike, different Matching Cardinal Numbers-to 9 Colors-red, blue, green, yellow, brown ,purple Shapes-circle, square, rectangle, triangle Number Order Before and After Ordinal Numbers-to 9th Problem Solving Directions-rig low, etc. Comparisons-different Matching Cardinal Num Colors-orange Shapes-circle, rectangle, tr Number Orde Before and After Ordinal Num Problem Solving Number Word Addition-to 9	Directions-right, left, high, low ,etc. e, alike, Comparisons-big, little, alike, different Matching Cardinal Numbers-to 19 Colors-black, white Shapes-circle, square, rectangle, triangle Number Order Before and After Ordinal Numbers-to 9th Problem Solving	Directions-right, left, high, low, etc. Comparisons-big, little, alike, different Matching Cardinal Numbers-to 100 Colors-pink Shapes-circle, square, rectangle, triangle Number Order Before and After Ordinal Numbers-to 9th Problem Solving Number Words-to nine Addition-to 10 and multiples of 10 Subtraction-to 10 Place Value Time/Calendar Money Skip Counting-2's, 5's, 10's Greater/ Less than

\Diamond	Grade 1	Grade 2	Grade 3
LIFEPAC 1	NUMBERS TO 99 • Number order, skip-count • Add, subtract to 9 • Story problems • Measurements, shapes	NUMBERS TO 100 • Numbers and words to 100 • Operation symbols +, -, =, >, < • Add, subtract, story problems • Place value, fact families	NUMBERS TO 999 • Digits, place value to 999 • Add, subtract, time • Linear measurements, dozen • Operation symbols +, -, =, ≠, >, <
LIFEPAC 2	NUMBERS TO 99 • Add, subtract to 10 • Number words • Place value, shapes • Patterns, sequencing, estimation	NUMBERS TO 200 • Numbers and words to 200 • Add, subtract, even and odd • Skip-count 2's, 5's, 10's, shapes • Ordinal numbers, fractions, money	NUMBERS TO 999 • Fact families, patterns, fractions • Add, subtract - carry, borrow • Skip count 2's, 5's, 10's • Money, shapes, lines, even, odd
LIFEPAC 3	NUMBERS TO 100 • Number sentences, • Fractions, oral directions • Story problems • Time, symbols =, ≠	NUMBERS TO 200 • Add w/ carry to 10's place • Subtract, standard measurements • Flat shapes, money, AM/PM • Rounding to 10's place	NUMBERS TO 999 • Add 3 numbers w/ carry • Coins, weight, volume, AM/PM • Fractions, oral instructions • Skip count 3's, subtract w/ borrow
LIFEPAC 4	NUMBERS TO 100 • Add to 18, place value • Skip-count, even and odd • Money • Shapes, measurement	NUMBERS TO 999 • Numbers and words to 999 • Add, subtract, place value • Calendar, making change • Measurements, solid shapes	NUMBERS TO 9,999 • Place value to 9,999 • Rounding to 10's, estimation • Add and subtract fractions • Roman numerals, 1/4 inch
LIFEPAC 5	NUMBERS TO 100 • Add 3 numbers - 1 digit • Ordinal numbers, fractions • Time, number line • Estimation, charts	NUMBERS TO 999 Data and bar graphs, shapes Add, subtract to 100's Skip-count 3's, place value to 100's Add fractions, temperature	NUMBERS TO 9,999 • Number sentences, temperature • Rounding to 100's, estimation • Perimeter, square inch • Bar graph, symmetry, even/odd rules
LIFEPAC 6	NUMBERS TO 100 • Number words to 99 • Add 2 numbers - 2 digit • Symbols >, < • Fractions, shapes	NUMBERS TO 999 • Measurements, perimeter • Time, money • Subtract w/ borrow from 10's place • Add, subtract fractions	NUMBERS TO 9,999 • Add, subtract to 9,999 • Multiples, times facts for 2 • Area, equivalent fractions, money • Line graph, segments, angles
LIFEPAC 7	NUMBERS TO 200 • Number order, place value • Subtract to 12 • Operation signs • Estimation, graphs, time	NUMBERS TO 999 • Add w/ carry to 100's place • Fractions as words • Number order in books • Rounding and estimation	NUMBERS TO 9,999 Times facts for 5, missing numbers Mixed numbers - add, subtract Subtract with 0's in minuend Circle graph, probability
LIFEPAC 8	NUMBERS TO 200 • Addition, subtract to 18 • Group counting • Fractions, shapes • Time, measurements	NUMBERS TO 999 • Add, subtract, measurements • Group count, 'think' answers • Convert coins, length, width • Directions-N, S, E, W	NUMBERS TO 9,999 Times facts for 3, 10 - multiples of 4 Convert units of measurement Decimals, directions, length, width Picture graph, missing addend
LIFEPAC 9	NUMBERS TO 200 • Add 3 numbers - 2 digit • Fact families • Sensible answers • Subtract 2 numbers - 2 digit	NUMBERS TO 999 • Area and square measurement • Add 3 numbers - 20 digit w/ carry • Add coins and convert to cents • Fractions, quarter-inch	NUMBERS TO 9,999 • Add, subtract whole numbers, fractions, mixed numbers • Standard measurements, metrics • Operation symbols, times facts for 4
LIFEPAC 10	NUMBERS TO 200 • Add, subtract, place value • Directions - N, S, E, W • Fractions • Patterns	NUMBERS TO 999 • Rules for even and odd • Round numbers to 100's place • Time - digital, sensible answers • Add 3 numbers - 3 digit	NUMBERS TO 9,999 • Add, subtract, times facts 2,3,4,5,10 • Rounding to 1,000's, estimation • Probability, equations, parentheses • Perimeter, area