Mathematics 100
Teacher's Guide Part 1

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OVERVIEW

MATHEMATICS

Curriculum Overview
Grades K-12

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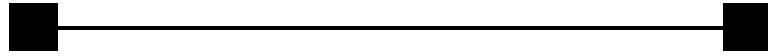
Kindergarten

Lessons

1-40	41-80	81-120	121-160
Directions-right, left, high,low,etc.	**Directions**-right,left, high,low,etc.	**Directions**-right,left, high,low,etc.	**Directions**-right,left, high,low,etc.
Comparisons-big, little,alike,different	**Comparisons**-big, little,alike,different	**Comparisons**-big, little,alike,different	**Comparisons**-big, little,alike,different
Matching	**Matching**	**Matching**	**Matching**
Cardinal Numbers-to 9	**Cardinal Numbers**-to 12	**Cardinal Numbers**-to 19	**Cardinal Numbers**-to 100
Colors-red,blue,green, yellow, brown,purple	**Colors-**orange	**Colors**-black,white	**Colors**-pink
Shapes-circle,square, rectangle,triangle	**Shapes**-circle,square, rectangle,triangle	**Shapes**-circle square, rectangle,triangle	**Shapes**-circle,square, rectangle,triangle
Number Order	**Number Order**	**Number Order**	**Number Order**
Before and After	**Before and After**	**Before and After**	**Before and After**
Ordinal Numbers-to 9th	**Ordinal Numbers**-to 9th	**Ordinal Numbers**-to 9th	**Ordinal Numbers**-to 9th
Problem Solving	**Problem Solving**	**Problem Solving**	**Problem Solving**
	Number Words-to nine	**Number Words-**to nine	**Number Words-**to nine
	Addition-to 9	**Addition-**to 10 and multiples of 10	**Addition-**to 10 and multiples of 10
		Subtraction-to 9	**Subtraction**-to 10
		Place Value	**Place Value**
		Time/Calendar	**Time/Calendar**
			Money
			Skip Counting-2's, 5's, 10's
			Greater/ Less than

Mathematics LIFEPAC Overview

	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