



# Mathematics 700 Teacher's Guide

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## **MATHEMATICS**

## Curriculum Overview Grades K-12

## Kindergarten

#### Lessons

1-40	41-80	81-120	121-160
Directions-right, left,	Directions-right,left,	Directions-right,left,	Directions-right,left,
high,low,etc.	high,low,etc.	high,low,etc.	high,low,etc.
Comparisons-big,	Comparisons-big,	Comparisons-big,	Comparisons-big,
little,alike,different	little,alike,different	little,alike,different	little,alike,different
Matching	Matching	Matching	Matching
Cardinal Numbers-	Cardinal Numbers-	Cardinal Numbers-	Cardinal Numbers-
to 9	to 12	to 19	to 100
Colors-red,blue,green,	Colors-orange	Colors-black, white	Colors-pink
yellow, brown, purple			
<b>Shapes</b> -circle,square,	Shapes-circle, square,	<b>Shapes</b> -circle square,	<b>Shapes</b> -circle,square,
rectangle,triangle	rectangle,triangle	rectangle,triangle	rectangle,triangle
Number Order	Number Order	Number Order	Number Order
Before and After	Before and After	Before and After	Before and After
Ordinal Numbers-	Ordinal Numbers-	Ordinal Numbers-	Ordinal Numbers-
to 9th	to 9th	to 9th	to 9th
Problem Solving	Problem Solving	Problem Solving	Problem Solving
	Number Words-	Number Words-	Number Words-
	to nine	to nine	to nine
	Addition-to 9	<b>Addition-</b> to 10 and	<b>Addition</b> -to 10 and
		multiples of 10	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

$\Diamond$	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