



Mathematics 300

Teacher's Guide

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Alpha Omega Publications[®]

804 N. 2nd Ave. E., Rock Rapids, IA 51246-1759

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MATHEMATICS

Curriculum Overview Grades K-12



Kindergarten

Lessons

| 1-40 | 41-80 | 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 -right,left, high,low,etc. Comparisons -big, little,alike,different Matching Cardinal Numbers -to 12 Colors -orange Shapes -circle,square, rectangle,triangle Number Order Before and After Ordinal Numbers -to 9th Problem Solving Number Words -to nine Addition -to 9 | Directions -right,left, high,low,etc. 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 Number Words -to nine Addition -to 10 and multiples of 10 Subtraction -to 9 Place Value Time/Calendar | 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 |

Mathematics LIFEPAC Overview

| | Grade 1 | Grade 2 | Grade 3 |
|------------|---|--|---|
| LIFEPAC 1 | <p>NUMBERS TO 99</p> <ul style="list-style-type: none"> • Number order, skip-count • Add, subtract to 9 • Story problems • Measurements, shapes | <p>NUMBERS TO 100</p> <ul style="list-style-type: none"> • Numbers and words to 100 • Operation symbols +, -, =, >, < • Add, subtract, story problems • Place value, fact families | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Digits, place value to 999 • Add, subtract, time • Linear measurements, dozen • Operation symbols +, -, =, ≠, >, < |
| LIFEPAC 2 | <p>NUMBERS TO 99</p> <ul style="list-style-type: none"> • Add, subtract to 10 • Number words • Place value, shapes • Patterns, sequencing, estimation | <p>NUMBERS TO 200</p> <ul style="list-style-type: none"> • Numbers and words to 200 • Add, subtract, even and odd • Skip-count 2's, 5's, 10's, shapes • Ordinal numbers, fractions, money | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Fact families, patterns, fractions • Add, subtract - carry, borrow • Skip count 2's, 5's, 10's • Money, shapes, lines, even, odd |
| LIFEPAC 3 | <p>NUMBERS TO 100</p> <ul style="list-style-type: none"> • Number sentences, • Fractions, oral directions • Story problems • Time, symbols =, ≠ | <p>NUMBERS TO 200</p> <ul style="list-style-type: none"> • Add w/ carry to 10's place • Subtract, standard measurements • Flat shapes, money, AM/PM • Rounding to 10's place | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Add 3 numbers w/ carry • Coins, weight, volume, AM/PM • Fractions, oral instructions • Skip count 3's, subtract w/ borrow |
| LIFEPAC 4 | <p>NUMBERS TO 100</p> <ul style="list-style-type: none"> • Add to 18, place value • Skip-count, even and odd • Money • Shapes, measurement | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Numbers and words to 999 • Add, subtract, place value • Calendar, making change • Measurements, solid shapes | <p>NUMBERS TO 9,999</p> <ul style="list-style-type: none"> • Place value to 9,999 • Rounding to 10's, estimation • Add and subtract fractions • Roman numerals, 1/4 inch |
| LIFEPAC 5 | <p>NUMBERS TO 100</p> <ul style="list-style-type: none"> • Add 3 numbers - 1 digit • Ordinal numbers, fractions • Time, number line • Estimation, charts | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Data and bar graphs, shapes • Add, subtract to 100's • Skip-count 3's, place value to 100's • Add fractions, temperature | <p>NUMBERS TO 9,999</p> <ul style="list-style-type: none"> • Number sentences, temperature • Rounding to 100's, estimation • Perimeter, square inch • Bar graph, symmetry, even/odd rules |
| LIFEPAC 6 | <p>NUMBERS TO 100</p> <ul style="list-style-type: none"> • Number words to 99 • Add 2 numbers - 2 digit • Symbols >, < • Fractions, shapes | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Measurements, perimeter • Time, money • Subtract w/ borrow from 10's place • Add, subtract fractions | <p>NUMBERS TO 9,999</p> <ul style="list-style-type: none"> • Add, subtract to 9,999 • Multiples, times facts for 2 • Area, equivalent fractions, money • Line graph, segments, angles |
| LIFEPAC 7 | <p>NUMBERS TO 200</p> <ul style="list-style-type: none"> • Number order, place value • Subtract to 12 • Operation signs • Estimation, graphs, time | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Add w/ carry to 100's place • Fractions as words • Number order in books • Rounding and estimation | <p>NUMBERS TO 9,999</p> <ul style="list-style-type: none"> • Times facts for 5, missing numbers • Mixed numbers - add, subtract • Subtract with 0's in minuend • Circle graph, probability |
| LIFEPAC 8 | <p>NUMBERS TO 200</p> <ul style="list-style-type: none"> • Addition, subtract to 18 • Group counting • Fractions, shapes • Time, measurements | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Add, subtract, measurements • Group count, 'think' answers • Convert coins, length, width • Directions-N, S, E, W | <p>NUMBERS TO 9,999</p> <ul style="list-style-type: none"> • Times facts for 3, 10 - multiples of 4 • Convert units of measurement • Decimals, directions, length, width • Picture graph, missing addend |
| LIFEPAC 9 | <p>NUMBERS TO 200</p> <ul style="list-style-type: none"> • Add 3 numbers - 2 digit • Fact families • Sensible answers • Subtract 2 numbers - 2 digit | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Area and square measurement • Add 3 numbers - 2 digit w/ carry • Add coins and convert to cents • Fractions, quarter-inch | <p>NUMBERS TO 9,999</p> <ul style="list-style-type: none"> • Add, subtract whole numbers, fractions, mixed numbers • Standard measurements, metrics • Operation symbols, times facts for 4 |
| LIFEPAC 10 | <p>NUMBERS TO 200</p> <ul style="list-style-type: none"> • Add, subtract, place value • Directions - N, S, E, W • Fractions • Patterns | <p>NUMBERS TO 999</p> <ul style="list-style-type: none"> • Rules for even and odd • Round numbers to 100's place • Time - digital, sensible answers • Add 3 numbers - 3 digit | <p>NUMBERS TO 9,999</p> <ul style="list-style-type: none"> • Add, subtract, times facts 2,3,4,5,10 • Rounding to 1,000's, estimation • Probability, equations, parentheses • Perimeter, area |