

Scope and Sequence Kindergarten

Excel
Math

AnsMar Publishers, Inc.

(K-6) CURRICULUM

Scope and Sequence

by lesson number

POSITION

- 1 Recognizing top, bottom, under, over, above and below
- 3 Recognizing on and off
- 5 Recognizing left, right and in between
- 7 Moving from left to right
- 9 Recognizing inside and outside
- 15 Continued – Recognizing left, right, in between; moving from left to right
- 35 Continued – Recognizing right and left
- 42 Recognizing ordinal numbers: first, second and third
- 45 Copying patterns of colored squares
- 55 Continued – Recognizing left, right, in between; moving from left to right
- 63 Continued – Copying patterns of colored squares
- 104 Copying patterns of pictures
- 148 Recognizing ordinal numbers: fourth and fifth
- 154 Continued – Copying patterns of pictures
- 171 Recognizing inside and outside using geometric figures
- 191 Continued – Recognizing inside and outside using geometric figures

SORTING

- 4 Describing items by characteristics
- 8 Determining which of three pictures is different in size
- 11 Sorting items by characteristics
- 16 Continued – Sorting items by characteristics
- 21 Continued – Determining which of three pictures is different in size, reversals
- 22 Sorting like pictures and counting
- 26 Sorting pictures, different qualities
- 28 Continued – Sorting like pictures and counting
- 31 Continued – Determining which of three pictures is different in size, reversals
- 38 Continued – Sorting like pictures and counting
- 39 Selecting the picture that is different
- 52 Continued – Sorting like pictures and counting
- 59 Selecting the figure that fits
- 75 Continued – Selecting the figure that fits
- 97 Identifying like and unlike characteristics
- 108 Continued – Identifying like and unlike characteristics

PATTERNS

- 10 Translating a pattern using two hand motions into a

pattern using colored squares

- 19 Continued – Translating a pattern using hand motions into a pattern using colored squares
- 20 Copying a pattern of pictures
- 29 Recognizing body patterns
- 30 Copying a pattern of pictures
- 57 Translating a pattern using three hand motions into a pattern using colored squares
- 71 Recognizing body patterns and matching shapes
- 172 Completing a pattern of shapes
- 178 Translating a pattern of shapes to a pattern of motions

COUNTING OBJECTS

- 12 Understanding the concept of 1 and 2
- 17 Understanding the concept of 3
- 23 Understanding the concept of 4
- 32 Understanding the concept of 5
- 40 Understanding the concept of 0
- 48 Understanding the concept of 6
- 60 Understanding the concept of 7
- 68 Understanding the concept of 8
- 78 Understanding the concept of 9
- 83 Circling 1 – 9 items
- 88 Understanding the concept of 10
- 101 Understanding the concept of 11
- 114 Understanding the concept of 12
- 123 Understanding the concept of 13
- 128 Understanding the concept of 14
- 134 Understanding the concept of 15
- 140 Understanding the concept of 16
- 145 Understanding the concept of 17 and 18
- 162 Understanding the concept of 19 and 20, using number charts and counters
- 169 Understanding the concept of 21 – 30, using number charts and counters
- 177 Understanding the concept of 31 – 40, using number charts and counters
- 188 Understanding the concept of 41 – 50, using number charts and counters

COMPARING SETS

- 36 Identifying the set with the most items
- 41 Matching equal sets
- 44 Continued – Matching equal sets

Scope and Sequence

by lesson number

- 47 Identifying the set with the fewest items
- 51 Drawing the same number of items as a given set
- 54 Continued – Drawing the same number of items as a given set
- 58 Continued – Identifying the set with the most items
- 62 Continued – Identifying the set with the fewest items
- 64 Making two unequal sets equal
- 70 Selecting the set with the most or fewest number of items
- 72 Drawing a set that has more or fewer items than a given set
- 73 Making two unequal sets equal
- 74 Selecting the set with the most and fewest objects, choosing from three sets
- 79 Making two unequal sets equal
- 82 Forming a set with one more item than a given set
- 86 Selecting the set with the most or fewest pictures, choosing from three sets
- 90 Making two unequal sets equal
- 105 Selecting the set with one more item than a given set
- 107 Forming a set with one less item than a given set
- 121 Continued – Forming a set with one less item than a given set
- 126 Selecting the set that has one more than the given set
- 131 Selecting the set that has one less than the given set
- 157 Selecting the number with the greatest value
- 164 Selecting the number with the least value

WRITING NUMERALS

- 27 Drawing the numerals 1 – 4 in sand or salt
- 37 Drawing the numerals 1 – 5 in finger paints
- 46 Forming the numerals 0 – 5 with string
- 53 Recognizing numerals drawn on their backs
- 66 Tracing the numerals 0 and 1 on paper
- 76 Tracing the numeral 2 on paper
- 85 Tracing the numeral 3 and drawing 0 – 3 on paper
- 91 Tracing the numeral 4 and drawing 0 – 4 on paper
- 99 Tracing the numeral 5 and drawing 0 – 5 on paper
- 109 Tracing the numeral 6 and drawing 0 – 6 on paper
- 120 Tracing the numeral 7 and drawing 0 – 7 on paper
- 130 Tracing the numeral 8 and drawing 0 – 8 on paper
- 142 Tracing the numeral 9 and drawing 0 – 9 on paper

RECOGNIZING NUMBER WORDS

- 122 Tracing zero, five, three and six
- 133 Tracing seven, nine, ten and four
- 144 Tracing eight, one and two
- 155 Tracing the words for 11 – 13
- 168 Tracing the words for 14 – 16
- 155 Tracing the words for 17 – 19
- 192 Tracing the words for 20, 30, 40 and 50

NUMBER SERIES

- 100 (2, 3, 4, ___) up to 10
- 118 (2, 3, 4, ___, ___)
- 139 (___, 6, 7, 8) up to 10
- 147 (___, 6, 7, 8) up to 18
- 170 (___, ___, 13, 14, 15) up to 20

ADDITION OF WHOLE NUMBERS

- 92 Building combinations with 5 bugs and 2 jars
- 95 Making up addition stories, sums up to 5
- 102 Continued – Making up addition stories, sums up to 5
- 103 Determining mentally the number of items when adding one more to a given set
- 113 Continued – Making up addition stories, sums up to 5
- 119 Building combinations with 6 bugs and 2 jars
- 124 Making up addition stories, sums up to 6
- 129 Continued – Making up addition stories, sums up to 6
- 136 Making up addition stories with sums up to 7
- 141 Making up addition stories with sums up to 8
- 150 Adding vertically, sums up to 5
- 153 Making up addition stories with sums up to 9
- 156 Continued – Adding vertically, sums up to 5
- 166 Adding vertically with sums up to 7
- 175 Adding vertically with sums up to 8
- 182 Adding vertically with sums up to 9
- 189 Adding vertically with sums up to 10
- 190 Adding and subtracting horizontally
- 196 Adding vertically with sums up to 11
- 199 Learning addition and subtraction fact families

Scope and Sequence

by lesson number

SUBTRACTION OF WHOLE NUMBERS

- 127 Determining mentally the number of items when subtracting one from a given set
- 132 Making up subtraction stories, subtracting from 5
- 143 Making up subtraction stories, subtracting from 6
- 163 Making up subtraction stories, subtracting from 7
- 174 Making up subtraction stories, subtracting from 8
- 179 Subtracting two numbers with a minuend less than 6
- 186 Subtracting two numbers with a minuend less than 7
- 190 Adding and subtracting horizontally
- 194 Subtracting two numbers with a minuend less than 8
- 199 Learning addition and subtraction fact families

TIME

- 84 Determining same amount of time, more time and less time
- 110 Learning time on the hour
- 161 Learning time on the hour on a digital clock

MONEY

- 96 Recognizing and counting pennies
- 116 Recognizing and counting nickels
- 137 Selecting pennies or nickels to pay for an item
- 149 Selecting items that can be bought with given coins
- 159 Recognizing and counting dimes; recognizing the dollar symbol (\$) and the decimal (.)
- 176 Continued – Selecting items that can be bought with given coins
- 185 Recognizing and counting quarters

MEASUREMENT

- 2 Recognizing taller, shorter and same height
- 6 Continued – Recognizing taller, shorter and same height
- 25 Comparing lines of different lengths
- 34 Continued – Recognizing taller, shorter and same height
- 50 Determining heavier, lighter and same weight
- 56 Arranging strips of paper according to their lengths
- 77 Comparing volumes: more, less or the same
- 115 Continued – Comparing volumes: more, less or the same
- 125 Measuring weight using non-standard units
- 151 Measuring length using non-standard units

- 158 Continued – Measuring length using non-standard units
- 167 Continued – Measuring weight using non-standard units
- 184 Continued – Measuring length using non-standard units

GEOMETRY

- 65 Distinguishing between circles, squares, triangles, rectangles, diamonds, ovals and ellipses
- 80 Identifying circles, squares, triangles and rectangles

PROBLEM SOLVING

- 69 Deductive reasoning
- 89 Deductive reasoning
- 112 Logical reasoning
- 121 Deductive reasoning
- 135 Deductive reasoning
- 152 Evaluating different routes when running errands
- 160 Using trial and error
- 183 Using trial and error

PROBABILITY AND STATISTICS

- 61 Creating and understanding picture graphs
- 93 Charting the results of a probability experiment
- 98 Continued – Creating and understanding picture graphs
- 106 Creating circle graphs; arranging like items and determining probability
- 117 Forming meal combinations with different food items
- 138 Forming outfit combinations with different clothing pieces
- 146 Creating and analyzing bar graphs
- 165 Forming ice cream combinations with different flavors
- 173 Charting the results of a probability experiment
- 193 Determining possibilities and probability

OTHER

- 43 Matching numerals 0 – 5 with sets containing 0 – 5 items
- 44 Matching sets with equal numbers of items
- 67 Matching numerals 0 – 7 with sets containing 0 – 7 items
- 87 Matching numerals 0 – 9 with sets containing 0 – 9 items
- 94 Tracing the correct line through a maze
- 197 Selecting the correct process: addition or subtraction