

**Louisiana**  
**North Louisiana Education Consortium (NLEC) Standards**  
**Mathematics - Grade 2**  
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<b>Number Relations</b>				
<b>Benchmark Number</b>	<b>Benchmark • Teaching Targets</b>	<b>Gourmet Resource</b>	<b>Tested</b>	<b>Taught</b>
<b>1.1 MA</b>	<i>Constructs a set of concrete objects having one or more or one less than a given set (up to 18 members per set).</i>	<b>Appetizers 1 A; Main Dish Objective 1 (Number Concepts) Lesson 1</b>		
<b>1.2 MA</b>	<i>Counts to 100 by ones, twos, fives, and tens.</i>	<b>Appetizers 2 E; Main Dish Objective 2 (Mathematical Relations) Lesson 5</b>		
<b>1.3 MA</b>	<i>Reads and writes number words for multiples of tens (10-100).</i>	<b>Appetizers 1 F; Main Dish Objective 1 (Number Concepts) Lesson 6</b>		
<b>1.4 O</b>	<i>Recognize and write number symbols 101-1,000 through practical applications.</i>	<b>Appetizers 2 E; Main Dish Objective 2 (Mathematical Relations) Lesson 5</b>		
<b>1.5 MA</b>	<i>Reads and writes number words up to twenty.</i>	<b>Appetizers 1 D; Main Dish Objective 1 (Number Concepts) Lesson 4</b>		
<b>1.6 MA</b>	<i>Recognize and position ordinal numbers through 31st, using numbers and words.</i>			
<b>1.7 MA</b>	<i>Determines a number that is one more or one less than a given number (0-99).</i>	<b>Appetizers 1 A &amp; D; Main Dish Objective 1 (Number Concepts) Lessons 1 &amp; 4</b>		
<b>1.8 I</b>	<i>Determines a number that is one more or one less than a given number (100-199).</i>	<b>Appetizers 1 A &amp; D; Main Dish Objective 1 (Number Concepts) Lessons 1 &amp; 4</b>		
<b>1.9 MA</b>	<i>Sequences numbers by ones 101-1000.</i>	<b>Appetizers 1 A &amp; D; Main Dish Objective 1 (Number Concepts) Lessons 1 &amp; 4</b>		

<p><b>*I = Introduce</b>  <b>O = Ongoing</b>  <b>MA = Mastery</b></p>
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## Number Relations

<b>Benchmark Number</b>	<b>Benchmark</b> • <b>Teaching Targets</b>	<b>Gourmet Resource</b>	<b>Tested</b>	<b>Taught</b>
<b>1.10 MA</b>	<i>Sequences numbers by multiples of 2's, 5's, 10's through 100.</i>	<b>Appetizers 1 F; 2 E; Main Dish Objectives 1 (Number Concepts) Lesson 6; 2 (Mathematical Relations) Lesson 5</b>		
<b>1.11 MA</b>	<i>Sequences odd or even numbers (0-99).</i>	<b>Appetizers 1 F; Main Dish Objective 1 (Number Concepts) Lesson 6</b>		
<b>1.12 MA</b>	<i>Compares two whole numbers between 0 and 99, using "greater than" and "less than" and the appropriate symbols (&gt;, &lt;, =, =).</i>	<b>Main Dish Objective 1 (Number Concepts) Lessons 2 &amp; 3</b>		
<b>1.13 O</b>	<i>Compares two whole numbers between 100 and 1,000, using "greater than" or "less than" and the appropriate symbols. (&gt;, &lt;, =, =).</i>	<b>Main Dish Objective 1 (Number Concepts) Lessons 2 &amp; 3</b>		
<b>1.14 O</b>	<i>Model and identify place value of ones, tens, and hundreds place.</i>	<b>Appetizers 1 D; Main Dish Objective 1 (Number Concepts) Lesson 4</b>		
<b>1.15 MA</b>	<i>Adds basic facts with sums to 18 by memory (symbols only).</i>	<b>Appetizers 2 A; 6 A; Main Dish Objectives 2 (Mathematical Relations) Lesson 1; 6 (Addition) Lesson 1</b>		
<b>1.16 MA</b>	<i>Understands the concept of zero as the "identity element" in addition.</i>			
<b>1.17 I</b>	<i>Apply the associative property for addition <math>(3 + 7) + 1 = 3 + (7 + 1)</math>.</i>	<b>Appetizers 2 D; Main Dish Objective 2 (Mathematical Relations) Lesson 4</b>		
<b>1.18 MA</b>	<i>Identified the parts of an addition problem: addend, sum.</i>	<b>Main Dish Objective 6 (Addition) Lesson 1</b>		
<b>1.19 MA</b>	<i>Adds three one-digit numbers (0-18) using appropriate mental and written computation.</i>	<b>Appetizers 2 B; Main Dish Objective 2 (Mathematical Relations) Lesson 2</b>		

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<b>1.20</b> <b>MA</b>	Adds a two- or three-digit number to a one-, two-, or three-digit number (no regrouping).	<b>Appetizers 6 C; Main Dish Objective 6 (Addition) Lesson 3</b>		
<b>1.21</b> <b>MA</b>	Adds a two-digit number to a one- or two-digit number (with regrouping).	<b>Appetizers 6 C; Main Dish Objective 6 (Addition) Lesson 3</b>		
<b>1.22</b> <b>I</b>	Adds a two- or three-digit number to a two- or three-digit number (with regrouping).	<b>Appetizers 6 C; Main Dish Objective 6 (Addition) Lesson 3</b>		
<b>1.23</b> <b>I</b>	Identifies the parts of a subtraction problem: subtrahend, minuend, difference.			
<b>1.24</b> <b>MA</b>	Subtract a one-digit number from a two-digit number (minuends 13-18) by memory (symbols only).	<b>Appetizers 7 A; Main Dish Objective 7 (Subtraction) Lesson 1</b>		
<b>1.25</b> <b>MA</b>	Subtracts a two-digit number from a two- or three-digit number (no regrouping).	<b>Appetizers 7 B; Main Dish Objective 7 (Subtraction) Lesson 2</b>		
<b>1.26</b> <b>MA</b>	Subtracts a two-digit number from a two-digit number (regrouping).	<b>Appetizers 7 C; Main Dish Objective 7 (Subtraction) Lesson 3</b>		
<b>1.27</b> <b>I</b>	Subtracts a two- or three-digit number from a two- or three-digit number (regrouping).	<b>Appetizers 7 C; Main Dish Objective 7 (Subtraction) Lesson 3</b>		
<b>1.28</b> <b>MA</b>	Subtracts two numbers with a zero in the minuend.	<b>Appetizers 7 C; Main Dish Objective 7 (Subtraction) Lesson 3</b>		
<b>1.29</b> <b>MA</b>	Checks subtraction by addition.			
<b>1.30</b> <b>O</b>	Solves appropriate word problems involving whole numbers, using the problem solving process.	<b>All Practices, Applications, and Final Tests - Objectives 1-13</b>		
<b>1.31</b> <b>O</b>	Solves appropriate critical thinking skills involving whole numbers, using the problem-solving process and hands-on activities.	<b>Appetizers 1-13; Selected Activities throughout Objectives 1-13</b>		
<b>1.32</b> <b>O</b>	Estimates quantities of objects up to 50 items. (about how much, how many)	<b>Appetizers 10 A &amp; B; Main Dish Objective 10 (Estimation) Lessons 1 &amp; 2</b>		

## Number Relations

<b>Benchmark Number</b>	<b>Benchmark • Teaching Targets</b>	<b>Gourmet Resource</b>	<b>Tested</b>	<b>Taught</b>
<b>1.33 MA</b>	<i>Identifies <math>1/2</math>, <math>1/3</math>, <math>1/4</math> and <math>1/5</math> of a concrete object.</i>	<b>Main Dish Objective 1 (Number Concepts) Lessons 7 &amp; 8</b>		
<b>1.34 MA</b>	<i>Identifies a fractional part of a given figure and writes or identifies the symbols (<math>1/2</math>, <math>1/3</math>, <math>1/4</math>, <math>1/5</math>).</i>	<b>Main Dish Objective 1 (Number Concepts) Lessons 7 &amp; 8</b>		
<b>1.35 I</b>	<i>To extend fractional concepts to include common equivalent reference points <math>1/5 = 20\%</math>.</i>			
<b>1.36 O</b>	<i>Explore and develop the concept of "fair shares" of whole objects or sets of objects using concrete materials.</i>	<b>Appetizers 9 A; Main Dish Objective 9 (Division) Lesson 1</b>		
<b>1.37 O</b>	<i>Practicing estimation skills and exact answer skills using mental, paper and pencil, and calculator techniques.</i>	<b>Appetizers 10 A; Main Dish Objective 10 (Estimation) Lesson 1</b>		
<b>1.38 I</b>	<i>Uses concrete objects to show that multiplication is repeated addition.</i>	<b>Main Dish Objective 8 (Multiplication) Lesson 1</b>		
<b>2.1 MA</b>	<i>Understands operations of addition and subtraction by joining sets and taking away.</i>	<b>Appetizers 2 A, B, C, &amp; D; 6 A; 7 A; Main Dish Objectives 2 (Mathematical Relations) Lessons 1, 2, 3, &amp; 4; 6 (Addition) Lesson 1; 7 (Subtraction) Lesson 1</b>		
<b>3.2 MA</b>	<i>Recognize and write the cents and \$ symbols with the monetary value.</i>	<b>Appetizers 6 C; 7 D; Main Dish Objective 6 (Addition) Lesson 3; 7 (Subtraction) Lesson 4</b>		

## Algebra

<b>Benchmark Number</b>	<b>Benchmark</b> • <b>Teaching Targets</b>	<b>Gourmet Resource</b>	<b>Tested</b>	<b>Taught</b>
2.1 MA	Understands operations of addition and subtraction by joining sets and taking away.	Appetizers 2 A, B, C, & D; 6 A; 7 A; Main Dish Objectives 2 (Mathematical Relations) Lessons 1, 2, 3, & 4; 6 (Addition) Lesson 1; 7 (Subtraction) Lesson 1		
2.2 MA	Apply operating symbols +, -, =, =, in a given situation.	Main Dish Objective 2 (Mathematical Relations) Lesson 4		
2.3 MA	Determine the value of a variable in an + or - equation. ( $7 + \square = 9$ )	Main Dish Objective 2 (Mathematical Relations) Lesson 4		

## Measurement

<b>Benchmark Number</b>	<b>Benchmark</b> • <b>Teaching Targets</b>	<b>Gourmet Resource</b>	<b>Tested</b>	<b>Taught</b>
3.1 MA	Recognize the monetary value of the penny, nickel, dime, quarter, half-dollar, and dollar. (heads/tails)	Main Dish Objectives 6 (Addition) Lesson 3; 7 (Subtraction) Lesson 4		
3.2 MA	Recognize and write the cents and \$ symbols with the monetary value.	Appetizers 6 C; 7 D; Main Dish Objective 6 (Addition) Lesson 3; 7 (Subtraction) Lesson 4		
3.3 O	Count up to \$1.00 using different combinations of monetary value (real-life situations).	Main Dish Objective 6 (Addition) Lesson 3		
3.4 I	Tells elapsed time to the hour and half hour.	Appetizers 4 D; Main Dish Objective 4 (Measurement) Lesson 4		
3.5 MA	Identify the hour and minute hands on the clock.	Appetizers 4 D; Main Dish Objective 4 (Measurement) Lesson 4		
3.6 O	Tells time to the hour, half hour, quarter hour, and 5 minute intervals using standard and digital clocks.	Appetizers 4 D; Main Dish Objective 4 (Measurement) Lesson 4		
3.7 MA	Tells time to the hour and half hour.	Appetizers 4 D; Main Dish Objective 4 (Measurement) Lesson 4		

<b>Measurement</b>				
<b>Benchmark Number</b>	<b>Benchmark • Teaching Targets</b>	<b>Gourmet Resource</b>	<b>Tested</b>	<b>Taught</b>
3.8 MA	Name the days of the week and the months of the year.			
3.9	Read and interpret data from a calendar.			
3.10 O	Relate time concepts to real-life situations.	Appetizers 4 D; Main Dish Objective 4 (Measurement) Lesson 4		
3.11 O	Compare and order sizes (long, short, longest, shortest, tallest, largest to smallest, etc.).	Appetizers 4 A; Main Dish Objective 4 (Measurement) Lesson 1		
3.12 O	Measure length and height using non-standard units.	Appetizers 4 A; Main Dish Objective 4 (Measurement) Lesson 1		
3.13 O	Measure length and height to exact inch and foot using 12-inch ruler.	Appetizers 4 A; Main Dish Objective 4 (Measurement) Lesson 1		
3.14 O	Measure and compare capacity of cups, pints, quarts, and gallons.	Main Dish Objective 4 (Measurement) Lesson 3		
<b>Geometry</b>				
<b>Benchmark Number</b>	<b>Benchmark • Teaching Targets</b>	<b>Gourmet Resource</b>	<b>Tested</b>	<b>Taught</b>
4.1 MA	Draw, make, identify, and verbalize, descriptions of triangles, circles, squares, and rectangles as they relate to the child's world and learn vocabulary.	Appetizers 3 A; Main Dish Objective 3 (Geometry) Lesson 1		
4.2 O	Extend the concept of congruence, similarity, and symmetry.	Appetizers 3 B; Main Dish Objective 3 (Geometry) Lesson 2		
4.3 O	Identify cone, cylinder, sphere, cube, and rectangular prism.	Appetizers 3 A; Main Dish Objective 3 (Geometry) Lesson 1		
4.4 O	Relate 2-dimensional figures to 3-dimensional figures.	Appetizers 3 A; Main Dish Objective 3 (Geometry) Lesson 1		

## *Data, Discrete Math, and Probability*

<b>Benchmark Number</b>	<b>Benchmark</b> • <b>Teaching Targets</b>	<b>Gourmet Resource</b>	<b>Tested</b>	<b>Taught</b>
5.1 MA	<i>Sort, classify objects by color, size, shape, and category.</i>	<b>Appetizers 5 A &amp; B; Main Dish Objective 5 (Probability/Statistics) Lessons 1 &amp; 2</b>		
5.2 MA	<i>Collect, organize and record data based on real life situations.</i>	<b>Appetizers 5 A &amp; B; 12 C; Main Dish Objectives 5 (Probability/Statistics) Lessons 1 &amp; 2; 12 (Mathematical Representation) Lesson 3</b>		
5.3 MA	<i>Interpret the elements of a graph (key, tally marks).</i>	<b>Appetizers 5 A &amp; B; 12 C; Main Dish Objectives 5 (Probability/Statistics) Lessons 1 &amp; 2; 12 (Mathematical Representation) Lesson 3</b>		
5.4 MA	<i>Describe and interpret data from pictographs and bar graphs.</i>	<b>Appetizers 5 A &amp; B; 12 C; Main Dish Objectives 5 (Probability/Statistics) Lessons 1 &amp; 2; 12 (Mathematical Representation) Lesson 3</b>		
5.5 O	<i>Construct and interpret graphs to solve real life situations.</i>	<b>Appetizers 5 A &amp; B; 12 C; Main Dish Objectives 5 (Probability/Statistics) Lessons 1 &amp; 2; 12 (Mathematical Representation) Lesson 3</b>		
5.6 O	<i>Determine the probability of an outcome (more likely, less likely, equally likely).</i>	<b>Appetizers 5 C; Main Dish Objective 5 (Probability/Statistics) Lesson 3</b>		

## *Patterns, Relations, and Functions*

<b>Benchmark Number</b>	<b>Benchmark</b> • <b>Teaching Targets</b>	<b>Gourmet Resource</b>	<b>Tested</b>	<b>Taught</b>
<b>1.2 MA</b>	<i>County to 100 by ones, two, fives, tens.</i>	<b>Appetizers 2 E; Main Dish Objective 2 (Mathematical Relations) Lesson 5</b>		
<b>1.7 MA</b>	<i>Determines a number that is one more or one less than a given number (0-99).</i>	<b>Appetizers 1 A &amp; D; Main Dish Objective 1 (Number Concepts) Lessons 1 &amp; 4</b>		
<b>1.8 I</b>	<i>Determines a number that is one more or one less than a given number (100-199).</i>	<b>Appetizers 1 A &amp; D; Main Dish Objective 1 (Number Concepts) Lessons 1 &amp; 4</b>		
<b>1.9 MA</b>	<i>Sequences numbers by ones 101-1000.</i>	<b>Appetizers 1 A &amp; D; Main Dish Objective 1 (Number Concepts) Lessons 1 &amp; 4</b>		
<b>1.10 MA</b>	<i>Sequences numbers by multiples of 2's, 5's, 10's through 100.</i>	<b>Appetizers 1 F; 2 E; Main Dish Objectives 1 (Number Concepts) Lesson 6; 2 (Mathematical Relations) Lesson 5</b>		
<b>1.11 MA</b>	<i>Sequences odd or even numbers (0-99).</i>	<b>Appetizers 1 F; Main Dish Objective 1 (Number Concepts) Lesson 6</b>		
<b>6.1 O</b>	<i>Describes and creates a pattern of concrete objects and pictorial forms.</i>	<b>Appetizers 5 C; Main Dish Objective 5 (Probability/Statistics) Lesson 3</b>		
<b>6.2 O</b>	<i>Identify numerical patterns and explain (one more, one less, zero, before).</i>	<b>Appetizers 3 C; Main Dish Objective 3 (Geometry) Lesson 3</b>		
<b>6.3 O</b>	<i>Relate counting by ones, fives, tens, to time and money.</i>	<b>Appetizers 6 C; 7 D; Main Dish Objectives 6 (Addition) Lesson 3; 7 (Subtraction) Lesson 4</b>		
<b>6.4 O</b>	<i>Find a specific missing element in a numerical pattern of ones, twos, fives, or tens.</i>	<b>Appetizers 2 E; Main Dish Objective 2 (Mathematical Relations) Lesson 5</b>		

## *Patterns, Relations, and Functions*

<i>Benchmark Number</i>	<i>Benchmark • Teaching Targets</i>	<i>Gourmet Resource</i>	<i>Tested</i>	<i>Taught</i>
6.5 O	<i>Investigate and describe patterns in numbers 1-100.</i>	<b>Appetizers 1 E; Main Dish Objective 1 (Number Concepts) Lesson 5</b>		
6.6 O	<i>Explore and discuss odd and even numbers.</i>	<b>Appetizers 1 F; Main Dish Objective 1 (Number Concepts) Lesson 6</b>		
6.7 O	<i>Uses concrete models and calculators to create, continue, and analyze a wide variety of patterns.</i>			