

**FUNCTIONAL INDEPENDENCE MATHEMATICS
EXTENDED GRADE LEVEL CONTENT EXPECTATIONS
GRADE 4**

Grade 4 Extended Grade Level Content Expectation (EGLCE)	Level Assessed Classroom/LEA/ISD and/or State
NUMBERS AND OPERATIONS	
Topic 1: Count, write and order whole numbers	
N.ME.04.EG01 Read, write and count using whole numbers to 1000 in numerals and words, and relate them to the quantities they represent.	Classroom/LEA/ISD and State
N.ME.04.EG02 Explore and recognize equivalent representations and models for whole numbers to 1000.	Classroom/LEA/ISD and State
N.ME.04.EG03 Represent whole numbers to 1000 using concrete representations.	Classroom/LEA/ISD and State
N.ME.04.EG04 Express numbers up to 1000 using place value, e.g., 137 is 1 hundred, 3 tens, and 7 ones.	Classroom/LEA/ISD and State
N.ME.04.EG05 Order numbers to 1000; compare using phrases such as same as, more than, greater than, fewer than, and use = symbol.	Classroom/LEA/ISD and State
N.ME.04.EG06 Count to 1000 by ones. Count to 100 by 2s, 5s and 10s.	Classroom/LEA/ISD and State
N.ME.04.EG07 Use ordinals to identify position in a sequence, e.g., 1 st , 2 nd , 3 rd .	Classroom/LEA/ISD and State
N.ME.04.EG08 Identify and place whole numbers on a number line that begins at zero.	Classroom/LEA/ISD and State
N.MR.04.EG09 Create, describe, and extend simple number patterns.	Classroom/LEA/ISD and State

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Topic 2: Compute with whole numbers	
N.MR.04.EG10 Compare two or more sets in terms of the difference in number of elements.	Classroom/LEA/ISD and State
N.FL.04.EG11 Add and subtract two numbers with 1 or 2 digits each, including regrouping.	Classroom/LEA/ISD and State
N.FL.04.EG12 Add two or three one-digit numbers.	Classroom/LEA/ISD and State
N.MR.04.EG13 Model addition and subtraction for numbers less than 100; explain in words; record using numbers and symbols; solve.	Classroom/LEA/ISD and State
N.MR.04.EG14 Solve simple open sentences for addition and subtraction.	Classroom/LEA/ISD and State
Topic 3: Problem solving and estimation	
N.FL.04.EG15 Apply estimation in solving problems involving addition and subtraction.	Classroom/LEA/ISD and State
N.MR.04.EG16 Select appropriate numbers in order to solve problems involving addition and subtraction and solve.	Classroom/LEA/ISD and State

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MEASUREMENT	
Topic 1: Measure and use units	
M.UN.04.EG01 Select and use standard tools for measurement of length, time, weight and volume (e.g. calendars, clocks, rulers, tape measures, measuring cups, scales, etc.).	Classroom/LEA/ISD and State
M.UN.04.EG02 Select appropriate units of measure for length and time, for a given context.	Classroom/LEA/ISD and State
M.UN.04.EG03 Measure lengths to the nearest inch using a ruler and in non-standard units.	Classroom/LEA/ISD and State
M.PS.04.EG04 Measure and compare lengths and weights. Use terms such as longer, shorter, heavier, lighter.	Classroom/LEA/ISD and State
M.UN.04.EG05 Tell time on a twelve-hour radial clock or digital clock to the hour; no A.M. or P.M.	Classroom/LEA/ISD and State
M.PS.04.EG06 Solve one-step word problems using addition and subtraction of length, time and weight.	Classroom/LEA/ISD and State

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Topic 2: Money	
M.UN.04.EG07 Identify and use different denominations of coins and bills.	Classroom/LEA/ISD and State
M.UN.04.EG08 Match coins or bills of one denomination to an equivalent set of coins/bills of other denominations, e.g., 3 quarters = 6 dimes and 3 nickels.	Classroom/LEA/ISD and State
M.PS.04.EG09 Tell the amount of money: in cents up to and including \$1, in dollars up to and including \$100. Use the symbols \$ and ¢.	Classroom/LEA/ISD and State
M.PS.04.EG10 Add and subtract money in dollars only, or in cents only, up to and including \$10.	Classroom/LEA/ISD and State
GEOMETRY	
Topic 1: Identify and describe shapes	
G.GS.04.EG01 Identify, describe, and compare familiar two-dimensional shapes, such as triangles, rectangles, squares, and circles.	Classroom/LEA/ISD and State
G.LO.04.EG02 Describe and use relative position of objects on a plane and in space, using words such as above, below, over, under, behind, in front of, right, left.	Classroom/LEA/ISD and State

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DATA ANALYSIS	
Topic 1: Explore Data	
D.RE.04.EG01 Read and explain data they have collected and organized themselves.	Classroom/LEA/ISD and State
D.RE.04.EG02 Read tables, graphs, tallies and pictographs with a scale of one.	Classroom/LEA/ISD and State
D.RE.04.EG03 Solve problems using information presented in tables, graphs, tallies and pictographs with a scale of one.	Classroom/LEA/ISD and State