

**FUNCTIONAL INDEPENDENCE MATHEMATICS
EXTENDED GRADE LEVEL CONTENT EXPECTATIONS
GRADE 3**

Grade 3 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.03.EG01 Read, write and count using whole numbers to 100 in numerals and words and relate them to the quantities they represent.	Classroom/LEA/ISD and State
N.ME.03.EG02 Explore and recognize equivalent representations and models for whole numbers to 100.	Classroom/LEA/ISD and State
N.ME.03.EG03 Represent whole numbers to 100 using concrete representations.	Classroom/LEA/ISD and State
N.ME.03.EG04 Compose and decompose numbers to 30 using models of tens and units (bundles of 10 and units, base 10 blocks, etc.), For example, recognize 24 as 2 tens and 4 ones, 10 and 10 and 4, 20 and 4, and 24 ones.	Classroom/LEA/ISD and State
N.ME.03.EG05 Order numbers to 100; compare using phrases such as same as, more than, greater than, fewer than, and use = symbol.	Classroom/LEA/ISD and State
N.ME.03.EG06 Count to 100 by ones, 2s, 5s and 10s.	Classroom/LEA/ISD and State
N.ME.03.EG07 Understand that a number to the right of another number on the number line is bigger and that a number to the left is smaller.	Classroom/LEA/ISD and State
N.ME.03.EG08 Identify and place whole numbers on a number line that begins at zero.	Classroom/LEA/ISD and State
N.MR.03.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.03.EG10 Compare two or more sets in terms of the difference in number of elements.	Classroom/LEA/ISD and State

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N.MR.03.EG11 Understand the inverse relationship between addition and subtraction, e.g., subtraction “undoes” addition.	Classroom/LEA/ISD and State
N.FL.03.EG12 Know all the addition facts up to $10 + 10$, and solve the related subtraction problems.	Classroom/LEA/ISD and State
N.MR.03.EG13 Apply knowledge of fact families to solve simple open sentences for addition and subtraction, such as: $\square + 2 = 7$ and $10 - \square = 6$.	Classroom/LEA/ISD and State
N.FL.03.EG14 Add up to three one-digit numbers.	Classroom/LEA/ISD and State
N.MR.03.EG15 Use manipulatives to model addition and subtraction with numbers.	Classroom/LEA/ISD
N.FL.03.EG16 Calculate sums and differences involving a one- or two-digit number and a one-digit number without regrouping	Classroom/LEA/ISD and State
N.MR.03.EG17 Model addition and subtraction for numbers less than 20 for a given contextual situation using objects or pictures; explain in words; record using numbers and symbols; solve.	Classroom/LEA/ISD and State

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MEASUREMENT	
Topic 1: Measure and use units	
M.UN.03.EG01 Measure the lengths of objects in non-standard units, e.g., pencil lengths, shoe lengths, to the nearest whole unit.	Classroom/LEA/ISD
M.PS.03.EG02 Compare length and weight of objects by comparing to reference objects, and use terms such as shorter, longer, taller, lighter, heavier.	Classroom/LEA/ISD and State
M.UN.03.EG03 Know and use the common words for the parts of the day, e.g. morning, afternoon, evening, night, and relative time, e.g. yesterday, today, tomorrow, last week, next year.	Classroom/LEA/ISD and State
M.UN.03.EG04 Identify daily landmark times to the nearest hour, e.g. lunchtime is 12 o'clock, bedtime is 8 o'clock.	Classroom/LEA/ISD and State
M.UN.03.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.03.EG06 Solve one-step word problems using addition and subtraction of length and time, including "how much more/less", without mixing units.	Classroom/LEA/ISD and State

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Topic 2: Money	
M.UN.03.EG07 Identify the different denominations of coins and bills.	Classroom/LEA/ISD and State
M.UN.03.EG08 Match one coin or bill of one denomination to an equivalent set of coins/bills of other denominations, e.g., 1 quarter = 2 dimes and 1 nickel.	Classroom/LEA/ISD and State
M.PS.03.EG09 Add and subtract money in dollars only, or in cents only up to and including \$1.	Classroom/LEA/ISD and State
GEOMETRY	
Topic 1: Identify and describe shapes	
G.GS.03.EG01 Identify common two-dimensional shapes, including square, circle, triangle, and star, and describe their physical and geometric attributes, such as size and shape.	Classroom/LEA/ISD and State
G.LO.03.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
Topic 2: Patterns	
G.SR.03.EG03 Create and describe repeating geometric patterns.	Classroom/LEA/ISD
G.SR.03.EG04 Predict the next element in a simple geometric pattern.	Classroom/LEA/ISD and State

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DATA ANALYSIS	
Topic 1: Explore Data	
D.RE.03.EG01 Collect and explore data through counting. Organize data using concrete objects.	Classroom/LEA/ISD and State
D.RE.03.EG02 Read pictographs with a scale of one.	Classroom/LEA/ISD and State
D.RE.03.EG03 Solve problems using information in pictographs with a scale of one.	Classroom/LEA/ISD and State