

**FUNCTIONAL INDEPENDENCE MATHEMATICS
EXTENDED GRADE LEVEL CONTENT EXPECTATIONS
GRADE 5**

Grade 5 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.05.EG01 Read, write and count using whole numbers to 10,000 in numerals and words, and relate them to the quantities they represent.	Classroom/LEA/ISD and State
N.ME.05.EG02 Explore and recognize equivalent representations for whole numbers to 10,000.	Classroom/LEA/ISD and State
N.ME.05.EG03 Represent whole numbers to 10,000 using concrete representations.	Classroom/LEA/ISD and State
N.ME.05.EG04 Investigate the ways numbers are used, e.g. counting, ordering, naming, locating, and measuring.	Classroom/LEA/ISD and State
N.ME.05.EG05 Express numbers to 10,000 using place value.	Classroom/LEA/ISD and State
N.ME.05.EG06 Order numbers to 10,000; compare using phrases such as same as, more than, greater than, fewer than, and use = symbol.	Classroom/LEA/ISD and State
N.ME.05.EG07 Count numbers to 10,000. Count by 2's, 5's, 10's and 100's starting from any number from 1 to 1000.	Classroom/LEA/ISD and State
N.ME.05.EG08 Identify and place whole numbers on a number line.	Classroom/LEA/ISD and State

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N.MR.05.EG09 Create, describe, and extend simple number patterns, including patterns that involve data.	Classroom/LEA/ISD and State
N.MR.05.EG10 Explain how to find the next number in a simple repeating pattern.	
Topic 2: Compute with whole numbers	
N.FL.05.EG11 Understand and use addition properties of 0.	Classroom/LEA/ISD and State
N.FL.05.EG12 Add and subtract two numbers with 1 or 2 digits each with regrouping.	Classroom/LEA/ISD and State
N.MR.05.EG13 Solve simple open sentences for addition and subtraction.	Classroom/LEA/ISD and State
Topic 3: Problem solving and estimation	
N.FL.05.EG14 Apply estimation in solving problems involving addition and subtraction.	Classroom/LEA/ISD and State
N.MR.05.EG15 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.05.EG01 Select and use standard tools for measurement of length, time, weight, volume and temperature.	Classroom/LEA/ISD and State
M.UN.05.EG02 Select appropriate units of measure for length, time, weight, area, volume (gallon, cubic inches, etc.), temperature (degrees Fahrenheit, °F, only) and money for a given context.	Classroom/LEA/ISD and State
M.PS.05.EG03 Measure and compare integer temperatures in degrees (degrees Fahrenheit, °F, only).	Classroom/LEA/ISD and State
M.UN.05.EG04 Approximate temperature (degrees Fahrenheit, °F, only) based on given criteria, e.g. "What temperature might it be if you must wear a winter coat and gloves outside?"	Classroom/LEA/ISD and State
M.UN.05.EG05 Measure lengths to the nearest inch using a ruler.	Classroom/LEA/ISD and State
M.PS.05.EG06 Measure and compare lengths, weights, and volumes. Use terms such as longer, longest, shorter, shortest, heavy, and heavier.	Classroom/LEA/ISD and State
M.UN.05.EG07 Tell time on a twelve-hour radial clock or digital clock to the nearest hour; no A.M. or P.M.	Classroom/LEA/ISD and State
M.PS.05.EG08 Solve one-step word problems using addition and subtraction of length, time, weight, area, volume and temperature.	Classroom/LEA/ISD and State

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Topic 2: Money	
M.UN.05.EG09 Identify and use different coins and bills.	Classroom/LEA/ISD and State
M.UN.05.EG10 Recognize equivalent sets of coins and bills.	Classroom/LEA/ISD and State
M.PS.05.EG11 Tell the amount of money in dollars and cents up to and including \$100. Use the symbols \$ and ¢.	Classroom/LEA/ISD and State
M.PS.05.EG12 Add and subtract money in dollars and cents, and combinations of dollars and cents, up to and including \$100.	Classroom/LEA/ISD and State
GEOMETRY	
Topic 1: Identify and describe shapes	
G.GS.05.EG01 Identify, describe, and compare familiar two-dimensional shapes, including semi-circles.	Classroom/LEA/ISD and State
G.LO.05.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.05.EG01 Read data from charts, tables, bar graphs, circle graphs, tallies, and pictographs with a scale up to two.	Classroom/LEA/ISD and State
D.RE.05.EG02 Draw, explain and justify predictions and conclusions from data presented in tables, graphs and charts.	Classroom/LEA/ISD and State
D.RE.05.EG03 Describe the shape of data using informal language (e.g. increasing, decreasing).	Classroom/LEA/ISD and State