

**Mathematics Alignment At A Glance  
Version 12.05**

**Third Grade**

**Key:**

\*IV.1.1 represents Strand IV, Standard 1, Benchmark 1 of the MCF

GLCE Code		Standards and Benchmarks		GLCE Code		Standards and Benchmarks	
<b>NUMBER &amp; OPERATIONS</b>				<b>MEASUREMENT</b>			
<b>Understand and use number notation and place value</b>				<b>Measure and use units for length, weight, temperature and time</b>			
N.ME.03.01		*IV.1.1, IV.1.2, IV.2.1, IV.2.3,		M.UN.03.01		II.3.1, II.3.2	
N.ME.03.02		IV.1.1, IV.1.2, IV.1.3, IV.2.1, V.1.3		M.UN.03.02		II.3.1	
N.ME.03.03		IV.1.1, IV.3.1		M.UN.03.03		II.3.1	
				M.UN.03.04		II.3.1	
<b>Count in steps, and understand even and odd numbers</b>				<b>Understand meaning of area &amp; perimeter and apply in problems</b>			
N.ME.03.04		IV.1.1, IV.2.3, I.1.1		M.UN.03.05		II.3.2	
N.ME.03.05		IV.3.3, I.1.1		M.UN.03.06		II.3.2	
<b>Add and subtract whole numbers</b>				<b>Estimate perimeter and area</b>			
N.FL.03.06		V.1.2		M.UN.03.07		II.3.2	
N.FL.03.07		IV.2.4, V.1.2		M.UN.03.08		II.3.3	
N.FL.03.08		V.1.2		<b>Solve measurement problems</b>			
<b>Multiply and divide whole numbers</b>				<b>Recognize the basic elements of geometric objects</b>			
				M.PS.03.10		II.3.6	
N.MR.03.09		V.1.3		M.PS.03.11		II.3.6	
N.MR.03.10		V.1.1, V.2.1		M.PS.03.12		II.3.6	
N.FL.03.11		V.1.2		M.PS.03.13		II.3.6, II.1.7	
N.MR.03.12		V.2.1, V.2.3		<b>GEOMETRY</b>			
N.FL.03.13		V.1.2		<b>Recognize the basic elements of geometric objects</b>			
N.MR.03.14		IV.1.4, V.1.1		G.GS.03.01		II.1.1, II.1.6	
<b>Problem solving with whole numbers</b>				G.GS.03.02		II.1.1, II.1.6, II.1.7	
N.MR.03.15		IV.1.4, IV.2.5, IV.3.5, V.1.4		G.GS.03.03		II.1.1, II.1.7	
<b>Understand simple fractions, relation to the whole, and addition and subtraction of fractions</b>				<b>Name and explore properties of shapes</b>			
				G.GS.03.04		II.1.1, II.1.2, II.1.3, II.1.7	
N.ME.03.16		IV.1.1, IV.1.2, IV.2.1, IV.3.2, V.2.1		G.SR.03.05		II.1.2, II.1.4, II.1.5, II.1.7	
N.ME.03.17		IV.1.1, IV.2.1, IV.2.2, IV.3.2, IV.3.1		<b>Explore and name three-dimensional solids</b>			
N.ME.03.18		II.2.1, IV.1.1, IV.2.1, IV.3.2		G.GS.03.06		II.1.1, II.1.2, II.1.3, II.1.4, II.1.5, II.1.7	
				G.SR.03.07		II.1.1, II.1.4, II.1.7	
N.ME.03.19		IV.2.2, IV.3.2		<b>DATA &amp; PROBABILITY</b>			
N.MR.03.20		V.1.1		<b>Use bar graphs</b>			
<b>Understand simple decimal fractions in relation to money</b>				D.RE.03.01		III.2.1	
N.ME.03.21		IV.1.2, V.2.1		D.RE.03.02		III.2.2	
				D.RE.03.03		III.2.1, III.2.3	

**GRADE LEVEL CONTENT EXPECTATIONS KEY:**

**N = Number & Operations**

**A = Algebra**

**M = Measurement**

**G = Geometry**

**D = Data & Probability**

ME = Meaning, notation, place value, & comparisons

MR = Number relationships & Meaning of operations

FL = Fluency with operations and estimation

PA = Patterns, relations, functions, & change

RP = Representation

FO = Formulas, expressions, equations, & inequalities

UN = Units/systems of measurement

TE = Techniques & formulas for measurement

PS = Problem solving for measurement

SR = Spatial reasoning & geometric modeling

GS = Geometric shape, properties, & mathematical arguments

LO = Location & special relationships

TR = Transformation & symmetry

D = Data representation

AN = Data interpretation & analysis

PR = Probability