

## Mathematics Alignment At A Glance Version 12.05

### Second Grade

**Key:**

\*I.1.1 represents Strand I, 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>Count, write, and order whole numbers</b>		<b>Measure, add, and subtract length</b>	
N.ME.02.01	*I.1.1, IV.1.1, IV.2.3,	M.UN.02.01	II.3.1, II.3.3, II.3.4
N.ME.02.02	IV.1.1, IV.1.2, IV.2.3	M.PS.02.02	II.3.6
N.ME.02.03	IV.1.1, IV.1.2, IV.2.3, IV.3.1		
N.ME.02.04	I.1.1, IV.1.1, IV.2.3		
<b>Understand place value</b>		<b>Understand the concept of area</b>	
N.ME.02.05	IV.1.1, IV.1.2, IV.1.3, IV.2.1, IV.3.2, V.1.3	M.UN.02.03	II.3.3, II.3.4
		M.TE.02.04	II.3.4
		<b>Tell time and solve time problems</b>	
<b>Add and subtract whole numbers</b>		M.UN.02.05	II.3.1, II.3.2
N.FL.02.06	IV.2.2	M.UN.02.06	II.3.1, II.3.2
N.MR.02.07	V.1.1	<b>Record, add and subtract money</b>	
N.MR.02.08	V.2.1, V.2.3	M.UN.02.07	II.3.1, II.3.2
N.MR.02.09	V.2.2, V.1.1	M.PS.02.08	II.3.1, II.3.6
N.FL.02.10	V.1.2	<b>Read thermometers</b>	
N.FL.02.11	IV.2.4	M.UN.02.09	II.3.1
N.FL.02.12	V.1.2	<b>Solve measurement problems</b>	
		M.PS.02.10	II.3.6
		<b>GEOMETRY</b>	
		<b>Identify and describe shapes</b>	
<b>Understand meaning of multiplication and division</b>		G.GS.02.01	II.1.1, II.1.2, II.1.3, II.1.7
N.MR.02.13	IV.2.2, IV.2.5, IV.3.2, V.1.1	G.GS.02.02	II.1.3, II.1.4, II.1.5, II.1.6
N.MR.02.14	IV.2.5, V.1.1	M.TE.02.11	II.1.4, II.1.7
N.MR.02.15	V.1.3	G.GS.02.04	II.1.2
N.MR.02.16	IV.2.5, V.1.1	G.SR.02.05	II.1.2, II.1.3, II.1.7
N.MR.02.17	V.1.2	G.TR.02.06	II.2.3, II.2.5
<b>Work with unit fractions</b>		<b>Use coordinate systems</b>	
N.ME.02.18	IV.1.1, IV.2.1, IV.2.2	G.LO.02.07	II.2.1, II.2.2, II.2.5
N.ME.02.19	IV.1.1, IV.2.1, IV.2.2	<b>DATA &amp; PROBABILITY</b>	
N.ME.02.20	IV.1.1, IV.2.1, IV.3.1, II.2.1	<b>Create, interpret, and solve problems involving pictographs</b>	
N.ME.02.21	IV.1.1	D.RE.02.01	III.1.2, V.2.2
N.ME.02.22	IV.2.2, IV.3.2, IV.2.2, IV.1.1	D.RE.02.02	III.2.1
		D.RE.02.03	III.2.3, III.2.5

**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 = Inequalities

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