

Mathematics Alignment At A Glance

Version 12.05

Fourth 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
NUMBER & OPERATIONS		Multiply and divide decimal fractions	
Understand and use number notation and place value		N.FL.04.33	V.1.2
		Estimate	
N.ME.04.01	*IV.1.1, IV.2.3	N.FL.04.34	IV.2.4, V.1.2
N.ME.04.02	IV.1.1, IV.1.3, V.1.3	N.FL.04.35	IV.2.4, V.1.2
N.ME.04.03	IV.1.1, IV.1.3, IV.2.1, IV.3.1	N.FL.04.36	IV.2.4, V.1.2
N.ME.04.05	IV.3.3	MEASUREMENT	
N.MR.04.06	IV.3.3	Measure using common tools& appropriate units	
N.MR.04.07	IV.3.3	M.UN.04.01	II.3.1, II.3.2
Add and subtract whole numbers		M.PS.04.02	II.3.3
N.FL.04.08	V.1.2	M.UN.04.03	II.3.1
Multiply and divide whole numbers		M.TE.04.04	II.3.4
N.ME.04.09	IV.1.3, V.1.2, V.1.3	Convert measurement units	
N.FL.04.10	V.1.2, V.1.3	M.TE.04.05	II.3.4
N.FL.04.11	V.1.2	Use perimeter and area formulas	
N.FL.04.12	V.2.1, V.2.3	M.TE.04.06	II.1.7
N.MR.04.13	V.1.3	M.TE.04.07	II.1.7
N.MR.04.14	V.1.4	M.TE.04.08	II.1.7
Read, interpret and compare decimal fractions		M.PS.04.09	II.1.7, II.3.6
N.ME.04.15	IV.1.1, IV.1.2, IV.2.1	Understand right angles	
N.ME.04.16	IV.1.1, IV.2.1, V.1.3	M.TE.04.10	II.1.1, II.1.2
N.ME.04.17	IV.1.1, IV.1.2, IV.3.1	Problem solving	
N.ME.04.18	IV.1.1, IV.1.2, IV.2.1, IV.2.2, IV.3.1	M.PS.04.11	II.1.7, II.3.6
N.MR.04.19	IV.1.2, IV.2.1	GEOMETRY	
Understand fractions		Understand perpendicular, parallel, and intersecting lines	
N.ME.04.20	IV.1.1, IV.2.1, IV.3.2	G.GS.04.01	II.1.1, II.1.4, II.1.6, II.3.1
N.MR.04.21	IV.2.2, IV.3.2	Identify basic geometric shapes and their components, and solve problems	
N.MR.04.22	IV.2.1, IV.2.2, IV.3.2	G.GS.04.02	II.1.1, II.1.2, II.1.3
N.MR.04.23	IV.2.2, IV.3.1	G.GS.04.02	II.1.1, II.1.2, II.1.3
N.ME.04.24	IV.2.1, IV.2.2	G.SR.04.03	II.1.1, II.1.2, II.1.3
N.MR.04.25	IV.2.1	Recognize symmetry and transformations	
N.MR.04.26	IV.2.2, IV.3.1	G.TR.04.04	II.1.5, II.2.2, II.2.3, II.2.5
Add and subtract fractions		G.TR.04.05	II.1.5, II.1.6, II.2.2, II.2.3, II.2.5
N.MR.04.27	V.1.2	DATA & PROBABILITY	
N.MR.04.28	V.1.2, V.1.4	Represent and solve problems for given data	
N.MR.04.29	V.2.3	D.RE.04.01	III.1.1, III.1.2, III.2.5
Multiply fractions by whole numbers		D.RE.04.02	III.1.1, III.2.2
N.MR.04.30	IV.2.5, V.1.1	D.RE.04.03	III.1.2, III.1.3, III.2.1, III.2.3, III.2.4, III.3.3
Add and subtract decimal fractions			
N.MR.04.31	IV.1.4, V.1.4		
N.FL.04.32	V.1.2		

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

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