



Alignment Overview Table for Common Core State Standards for Mathematics and NES Elementary Education Subtest II

Common Core Domains/Standards [K–12]		
CC Counting and Cardinality OA Operations and Algebraic Thinking NBT Number and Operations in Base Ten MD Measurement and Data G Geometry NF Number and Operations—Fractions RP Ratios and Proportional Relationships NS The Number System EE Expressions and Equations SP Statistics and Probability F Functions	N-CN The Complex Number System N-VM Vector and Matrix Quantities <div style="text-align: center; background-color: #e0e0e0; padding: 2px;">Algebra</div> A-SSE Seeing Structure in Expressions A-APR Arithmetic with Polynomials A-CED Creating Equations A-REI Reasoning with Equations and Inequalities <div style="text-align: center; background-color: #e0e0e0; padding: 2px;">Functions</div> F-IF Interpreting Functions F-BF Building Functions F-LE Linear, Quadratic, and Exponential Models F-TF Trigonometric Functions	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 5px;">Geometry</div> G-CO Congruence G-SRT Similarity, Right Triangles, and Trigonometry G-C Circles G-GPE Expressing Geometric Properties with Equations G-GMD Geometric Measurement and Dimension G-MG Modeling with Geometry <div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 5px;">Statistics and Probability</div> S-ID Interpreting Categorical and Quantitative Data S-IC Making Inferences and Justifying Conclusions S-CP Conditional Probability and the Rules of Probability
Number and Quantity		
N-RN The Real Number System N-Q Quantities		

NES Elementary Education Subtest II: Content Domain I—Mathematics Competencies		
0001 Understand concepts of numeration, number sense, and mathematical operations. 0002 Understand mathematical reasoning and problem solving, communication and representation, and data analysis.	0003 Understand basic concepts of patterns, algebra, and functions.	0004 Understand basic concepts of geometry and measurement.

For more information about the NES, visit www.nestest.com

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Important Notes About the Alignment Overview Table:

- Four-digit numbers (e.g., 0004) correspond to NES competency number identifiers. In each cell, the NES competencies that align to the Common Core State Standards (CCSS) in the domain at the grade level are indicated.
- Cells are shaded yellow or grey to indicate whether CCSS domains/strands exist for the associated grade level.
- CCSS domains/strands do not exist at certain grade levels.
- When there is no alignment between the CCSS and NES competencies, a dash ("-") appears in the cell.
- When a CCSS does not apply to one or more competencies, "n/a" appears in the cell.

 Common Core domains/standards exist at the grade level.
 Common Core domains/standards DO NOT exist at the grade level.

	Grade Level												
	K	1	2	3	4	5	6	7	8	9	10	11	12
CC	0001, 0002												
OA	0001, 0002, 0003	0001, 0002, 0003	0001, 0002, 0003	0001, 0002, 0003	0001, 0002, 0003	0001, 0002, 0003, 0004							
NBT	0001, 0002	0001, 0002, 0003	0001, 0002, 0003	0001	0001, 0002, 0004	0001, 0002, 0003							
MD	0001, 0004	0002, 0004	0001, 0002, 0003, 0004	0001, 0002, 0003, 0004	0001, 0002, 0003, 0004	0001, 0002, 0004							
G	0002, 0004	0001, 0002, 0004	0001, 0002, 0004	0001, 0002, 0004	0004	0004	0001, 0004	0003, 0004	0004				
NF				0001, 0002	0001, 0002, 0004	0001, 0002, 0004							
RP							0001, 0002, 0004	0001, 0002, 0003, 0004					
NS							0001, 0002, 0004	0001, 0002	-				
EE							0001, 0002, 0003	0001, 0002, 0003	0001				
SP							0002, 0003, 0004	0001, 0002	-				
F									0002, 0003				
N-RN										-	-	-	-
N-Q										-	-	-	-
N-CN										-	-	-	-
N-VM										-	-	-	-

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Common Core Domains/Standards	A-SSE										-	-	-	-
	A-APR										-	-	-	-
	A-CED										-	-	-	-
	A-REI										0002, 0003	0002, 0003	0002, 0003	0002, 0003
	F-IF										0002, 0003	0002, 0003	0002, 0003	0002, 0003
	F-BF										-	-	-	-
	F-LE										-	-	-	-
	F-TF										-	-	-	-
	G-CO										0004	0004	0004	0004
	G-SRT										-	-	-	-
	G-C										-	-	-	-
	G-GPE										-	-	-	-
	G-GMD										-	-	-	-
	G-MG										-	-	-	-
	S-ID										0002	0002	0002	0002
	S-IC										-	-	-	-
	S-CP										0001	0001	0001	0001
	S-MD										-	-	-	-