

# State Standards Alignment West Virginia

Zearn Math is a K-8 print and software-based curriculum that transforms the math block to create differentiation and engagement for each student, every day.

Zearn Math curricular materials are fully aligned with the **West Virginia College- and Career-Readiness Standards for Mathematics** and can be utilized as the primary instructional materials in the math classroom in order to meet all standards. The tables on the following pages describe the alignment for each specific standard.

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## Key



FULLY ALIGNED

Zearn Math curricular materials are fully aligned to this standard and can be utilized as the primary instructional materials in the math classroom in order to meet the full expectation of this standard.



MOSTLY ALIGNED

Zearn Math curricular resources are mostly aligned to this standard; however, teachers will need to amend instruction to address the part of the standard not covered by Zearn Math. Such amendments should be made within the current Zearn lessons and should not require any additional instructional days.



PARTIALLY ALIGNED

Zearn Math curricular resources are partially aligned to this standard; therefore, it is recommended that teachers use supplemental materials to fully address this specific standard. Additional instructional days may be needed to adequately address this standard.



NOT ALIGNED

Zearn Math curricular resources are not aligned to this standard; therefore, it is recommended that teachers use supplemental materials to fully address this specific standard. Additional instructional days may be needed to adequately address this standard.



# State Standards Alignment

## West Virginia: Kindergarten

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Counting and Cardinality

STANDARD	MISSION	TOPICS	ALIGN
M.K.1	5	A, B, D, E	✓
M.K.2	1	G	✓
	5	A, B, D, E	✓
M.K.3	1	D, E, F	✓
	5	B, C, D, E	✓
M.K.4	1	A, B, C, D, E, F, G, H	✓
	5	A, B, C, D, E	✓
M.K.5	1	C, D, E, F	✓
	5	A, B, C, E	✓
M.K.6	3	B, E, F, G, H	✓
	5	E	✓
M.K.7	3	F, G, H	✓

### Operations and Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
M.K.8	4	A, B, C, D, G, H	✓
M.K.9	4	C, D, F, G, H	✓
M.K.10	1	C	✓
	4	A, B, C, D, E, G	✓
M.K.11	4	B, C, H	✓
M.K.12	4	A	✓

### Numbers and Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
M.K.13	5	A, B, C, D, E	✓

### Measurement and Data

STANDARD	MISSION	TOPICS	ALIGN
M.K.14	3	A, B, C, D, H	✓
M.K.15	3	A, B, C, D, F, H	✓
M.K.16	1	A, B, C, E	✓
	2	A, B, C	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
M.K.17	2	A, B, C	✓
	6	B	✓
M.K.18	2	A, B, C	✓
	6	A	✓
M.K.19	2	C	✓
M.K.20	2	A, B, C	✓
	6	A, B	✓
M.K.21	6	A	✓
M.K.22	6	B	✓



# State Standards Alignment

## West Virginia: 1st Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Operations and Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
M.1.1	1	A, B, C, G, H	✓
	2	A, B, C, D	✓
	3	C, D	✓
	4	E	✓
	6	A, F	✓
M.1.2	2	A	✓
M.1.3	1	E, F	✓
	2	A, B	✓
M.1.4	1	G, H, I	✓
	2	B, C	✓
M.1.5	1	A, B, C, D, G, H, I	✓
	2	B, C	✓
M.1.6	1	B, C, D, F, I, J	✓
	2	A, B, C, D	✓
M.1.7	1	E	✓
	2	B, C	✓
M.1.8	1	D, H	✓
	2	C	✓

### Numbers and Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
M.1.9	4	A	✓
	6	B	✓
M.1.10	2	D	✓
	4	A, B, F	✓
	6	B	✓
M.1.11	4	B	✓
	6	B	✓
M.1.12	4	C, D, F	✓
	6	C, D	✓
M.1.13	2	D	✓
	4	A	✓
	6	B	✓
M.1.14	4	C	✓
	6	C	✓

### Measurement and Data

STANDARD	MISSION	TOPICS	ALIGN
M.1.15	3	A, B	✓
M.1.16	3	B, C	✓
M.1.17	5	D	✓
M.1.18	3	D	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
M.1.19	5	A	✓
M.1.20	5	B	✓
M.1.21	5	C, D	✓



# State Standards Alignment

## West Virginia: 2nd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Operations and Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
M.2.1	1	B	✓
	3	G	✓
	4	A, B, C, F	✓
M.2.2	1	A, B	✓
M.2.3	6	D	✓
M.2.4	6	A, B, C	✓

### Numbers and Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
M.2.5	3	A, B, C, D, E	✓
M.2.6	3	B, C, D, E, G	✓
	6	A, B	✓
	7	B, E	✓
	8	D	✓
M.2.7	3	C, D, E	✓
M.2.8	3	E, F	✓
M.2.9	1	B	✓
	4	A, B, C	✓
	7	B, E	✓
	8	D	✓
M.2.10	4	D	✓
	6	A	✓
	7	B	✓
	8	D	✓
M.2.11	4	B, C, D, E, F	✓
	5	A, B, C, D	✓
M.2.12	3	G	✓
	5	A, D	✓
M.2.13	4	A, B, C, D, E, F	✓
	5	A, B, C, D	✓

### Measurement and Data

STANDARD	MISSION	TOPICS	ALIGN
M.2.14	2	A, B, C, D	✓
	7	C, D, F	✓
	8	A	✓
M.2.15	2	C	✓
	7	D	✓
M.2.16	2	B, D	✓
	7	D	✓
M.2.17	2	C, D	✓
	7	D	✓
M.2.18	2	D	✓
	7	E, F	✓
M.2.19	7	A, E, F	✓
M.2.20	8	D	✓
M.2.21	3	D	✓
	7	B	✓
M.2.22	7	F	✓
M.2.23	7	A	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
M.2.24	8	A, B, C	✓
M.2.25	6	C	✓
M.2.26	8	B, C, D	✓



# State Standards Alignment

## West Virginia: 3rd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Operations and Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
M.3.1	1	A, C, E, F	✓
	3	A, B, C, D, E, F	✓
M.3.2	1	B, D, E, F	✓
	3	A, B, C, D, E	✓
M.3.3	1	A, B, C, D, E, F	✓
	3	A, B, C, D, E	✓
M.3.4	1	B, C, D, E, F	✓
	3	A, B, C, D, E	✓
M.3.5	1	C, E, F	✓
	3	A, B, C, D, F	✓
M.3.6	1	B, D, E, F	✓
	3	A, B, C, D, E	✓
M.3.7	1	D, E, F	✓
	3	A, B, C, D, E	✓
M.3.8	1	F	✓
	3	C, E, F	✓
	7	A	✓
M.3.9	3	A, D, E, F	✓

### Numbers and Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
M.3.10	2	C, D, E	✓
M.3.11	2	A, D, E	✓
M.3.12	3	F	✓

### Numbers and Operations - Fractions

STANDARD	MISSION	TOPICS	ALIGN
M.3.13	5	A, B, C	✓
M.3.14	5	D	✓
M.3.15	5	B, C, D, E, F	✓

### Measurement and Data

STANDARD	MISSION	TOPICS	ALIGN
M.3.16	2	A, C, D, E	✓
M.3.17	2	B, C, D, E	✓
M.3.18	6	A	✓
	6	B	✓
M.3.19	7	D	✓
	4	A, B, C, D	✓
M.3.20	4	A, B, C, D	✓
M.3.21	4	A, B, D	✓
M.3.22	4	A, B, C, D	✓
M.3.23	7	C, D, E	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
M.3.24	7	B	✓
M.3.25	5	A, B, C	✓



# State Standards Alignment

## West Virginia: 4th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Operations and Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
M.4.1	1	A	✓
	3	A, B, D	✓
	7	A	✓
M.4.2	3	A, B, C, D	✓
	5	G	✓
	7	A, B	✓
M.4.3	1	D, E, F	✓
	3	A, D, E, G, H	✓
	7	B, C	✓
M.4.4	3	F	✓
M.4.5	5	H	✓

### Numbers and Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
M.4.6	1	A	✓
	3	B, C, G	✓
M.4.7	1	A, B, D, E, F	✓
M.4.8	1	C	✓
M.4.9	1	D, E, F	✓
M.4.10	3	B, C, D, H	✓
M.4.11	3	E, F, G	✓

### Numbers and Operations - Fractions

STANDARD	MISSION	TOPICS	ALIGN
M.4.12	5	B, D, E	✓
	6	B	✓
M.4.13	5	C, E	✓
M.4.14	5	A, B, D, E, F	✓
	6	D	✓
M.4.15	5	A, E, G	✓
M.4.16	6	B, D, E	✓
M.4.17	6	A, B, D, E	✓
M.4.18	6	B, C	✓

### Measurement and Data

STANDARD	MISSION	TOPICS	ALIGN
M.4.19	2	A, B	✓
	5	D, F, G	✓
	6	A, B, C, D	✓
	7	A, B, C	✓
M.4.20	2	A, B	✓
	5	D, F, G	✓
	6	C, E	✓
	7	A, B, C	✓
M.4.21	3	A, H	✓
M.4.22	5	E, G	✓
M.4.23	4	B	✓
M.4.24	4	B	✓
M.4.25	4	C	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
M.4.26	4	A, D	✓
M.4.27	4	D	✓
M.4.28	4	D	✓



# State Standards Alignment

## West Virginia: 5th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Operations and Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
M.5.1	2	A, B, C	✓
	4	D, G, H	✓
M.5.2	2	B, C	✓
	4	D, H	✓
	6	B	✓
M.5.3	6	B, D	✓

### Numbers and Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
M.5.4	1	A	✓
	2	A, C, D, E	✓
M.5.5	1	A, D, E	✓
	2	A, D, E, G	✓
M.5.6	1	B, D, E, F	✓
M.5.7	1	C	✓
M.5.8	2	B, D	✓
M.5.9	2	E, F, H	✓
M.5.10	1	D, E, F	✓
	2	C, D, G, H	✓
	4	E, G	✓

### Numbers and Operations - Fractions

STANDARD	MISSION	TOPICS	ALIGN
M.5.11	3	A, B, C, D	✓
M.5.12	3	B, C, D	✓
	4	D	✓
M.5.13	3	A	✓
	4	B	✓
M.5.14	4	C, D, E	✓
	5	C	✓
M.5.15	4	F	✓
M.5.16	4	D, E, F	✓
	5	C	✓
M.5.17	4	G	✓

### Measurement and Data

STANDARD	MISSION	TOPICS	ALIGN
M.5.18	1	A	✓
	2	D	✓
	4	C, E	✓
M.5.19	4	A	✓
M.5.20	5	A, B	✓
M.5.21	5	A	✓
M.5.22	5	B	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
M.5.23	6	A, B, C	✓
M.5.24	6	C, D	✓
M.5.25	5	D	✓
M.5.26	5	D	✓



# State Standards Alignment

## West Virginia: 6th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Ratios & Proportional Relationships

STANDARD	MISSION	TOPICS	ALIGN
M.6.1	2	A, B	✓
M.6.2	2	C	✓
	3	A, C	✓
M.6.3	2	C, D, E, F	✓
	3	B, C, D, E	✓
	6	B, D	✓

### The Number System

STANDARD	MISSION	TOPICS	ALIGN
M.6.4	4	A, B, C, D, E	✓
M.6.5	5	D	✓
M.6.6	5	B, C, D, E	✓
	6	A	✓
	8	C	✓
M.6.7	7	D	✓
M.6.8	7	A	✓
M.6.9	7	A, C	✓
M.6.10	7	A, B, C	✓
M.6.11	7	C	✓

### Expressions & Equations

STANDARD	MISSION	TOPICS	ALIGN
M.6.12	1	F	✓
	6	C	✓
M.6.13	1	B, C, F	✓
	6	B, C	✓
	7	B	✓
M.6.14	6	B	✓
M.6.15	5	D	✓
	6	B	✓
M.6.16	6	A, B, C	✓
	7	B	✓
M.6.17	6	A, B	✓
	7	B	✓
M.6.18	6	A, B	✓
M.6.19	7	B	✓
M.6.20	6	D	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
M.6.21	1	A, B, C, D, G	✓
	4	D	✓
M.6.22	1	E	✓
	4	D, E	✓
M.6.23	7	C	✓
M.6.24	1	E, F, G	✓

### Statistics & Probability

STANDARD	MISSION	TOPICS	ALIGN
M.6.25	8	A, B, D	✓
M.6.26	8	B, C, E	✓
M.6.27	8	B	✓
M.6.28	8	A, B, C, D	✓
M.6.29	8	A, B, C, D, E	✓





# State Standards Alignment

## West Virginia: 7th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Ratios & Proportional Relationships

STANDARD	MISSION	TOPICS	ALIGN
M.7.1	2	C	✓
	4	A	✓
M.7.2	2	A, B, C, D, E	✓
	3	A, B	✓
	4	A	✓
	5	C, D	✓
M.7.3	3	A	✓
	4	B, C, D	✓

### Expressions & Equations

STANDARD	MISSION	TOPICS	ALIGN
M.7.7	6	D	✓
M.7.8	6	B	✓
M.7.9	3	C	✓
	5	C, F	✓
	6	A, B	✓
M.7.10	5	E	✓
	6	A, B, C	✓
	7	A	✓

### Statistics & Probability

STANDARD	MISSION	TOPICS	ALIGN
M.7.17	8	C, D, E	✓
M.7.18	8	C, D, E	✓
M.7.19	G6M8	B	✓
M.7.20	G6M8	A, B, C, D, E	✓
M.7.21	8	C, D	✓
M.7.22	8	D, E	✓
M.7.23	8	A	✓
M.7.24	8	A	✓
M.7.25	8	A, C, E	✓
M.7.26	8	A, B	✓

### The Number System

STANDARD	MISSION	TOPICS	ALIGN
M.7.4	5	A, B	✓
	6	D	✓
	7	B	✓
M.7.5	4	A	✓
	5	A, C	✓
	8	D	✓
M.7.6	5	B, C, D, E, F	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
M.7.11	1	A, B, C	✓
	2	A	✓
	3	B, C	✓
M.7.12	3	A	✓
	7	B, D	✓
M.7.13	7	C	✓
M.7.14	3	A, B, C	✓
M.7.15	7	A	✓
M.7.16	1	A	✓
	2	C	✓
	3	B	✓
	7	C, D	✓



# State Standards Alignment

## West Virginia: 8th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### The Number System

STANDARD	MISSION	TOPICS	ALIGN
M.8.1	8	E	✓
M.8.2	8	A, B, C, D, E	✓

### Expressions & Equations

STANDARD	MISSION	TOPICS	ALIGN
M.8.3	7	B, C	✓
M.8.4	8	B, C, D	✓
M.8.5	7	C, D	✓
M.8.6	7	C, D	✓
M.8.7	3	A, B	✓
M.8.8	2	C	✓
	3	B, C, E	✓
M.8.9	4	B	✓
M.8.10	3	D, E	✓
	4	B, C, D	✓

### Functions

STANDARD	MISSION	TOPICS	ALIGN
M.8.11	5	A, B, E	✓
M.8.12	5	B, C	✓
M.8.13	5	B, C, E	✓
M.8.14	5	C, D, E	✓
M.8.15	5	B, C	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
M.8.16	1	A, B, C, D	✓
	3	B	✓
M.8.17	1	C, D	✓
	2	B	✓
M.8.18	1	A	✓
	2	A, C	✓
M.8.19	2	B	✓
M.8.20	1	D	✓
	2	B, D	✓
M.8.21	8	C	✓
M.8.22	8	C	✓
M.8.23	8	C	✓
M.8.24	5	D, E, F	✓

### Statistics & Probability

STANDARD	MISSION	TOPICS	ALIGN
M.8.25	6	A, B	✓
M.8.26	6	B	✓
M.8.27	6	B	✓
M.8.27	6	C	✓