

# State Standards Alignment

## South Carolina

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 for 4<sup>th</sup>, 6<sup>th</sup>, and 7<sup>th</sup> grades are fully aligned with the **South Carolina College- and Career-Ready Standards for Mathematics** and can be utilized as the primary curriculum in the math classroom to meet all standards. Zearn Math curricular materials for Kindergarten - 3<sup>rd</sup>, 5<sup>th</sup>, and 8<sup>th</sup> grades are largely aligned with the **South Carolina College- and Career-Ready Standards for Mathematics** and can be utilized as the primary curriculum in the math classroom, with minor supplementing from additional resources, 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

## South Carolina: Kindergarten

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Number Sense

STANDARD	MISSION	TOPICS	ALIGN
K.NS.1	5	A, B, D, E	✓
K.NS.2	1	G	✓
	5	A, B, D, E	✓
K.NS.3	1	D, E, F	✓
	5	B, C, D, E	✓
K.NS.4	1	A, B, C, D, E, F, G, H	✓
	5	A, B, C, D, E	✓
K.NS.5	1	C, D, E, F	✓
	5	A, B, C, E	✓
K.NS.6	1	C, D, E, F, G, H	✓
	3	B	✓
	5	A, B, C, D, E	✓
K.NS.7	3	B, E, F, G, H	✓
	5	E	✓
K.NS.8	3	F, G, H	✓
K.NS.9	6	A	✓

### Number Sense and Base Ten

STANDARD	MISSION	TOPICS	ALIGN
K.NSBT.1	5	A, B, C, D, E	✓

### Algebraic Thinking and Operations

STANDARD	MISSION	TOPICS	ALIGN
K.ATO.1	4	A, B, C, D, G, H	✓
K.ATO.2	4	C, D, F, G, H	✓
K.ATO.3	1	C	✓
	4	A, B, C, D, E, G	✓
K.ATO.4	4	B, C, H	✓
K.ATO.5	4	A	✓
K.ATO.6 <sup>1</sup>	1	H	✓
	4	B, H	✓
	5	A, B, C	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
K.G.1	2	A, B, C	✓
	6	B	✓
K.G.2	2	A, B, C	✓
	6	A	✓
K.G.3	2	C	✓
K.G.4	2	A, B, C	✓
	6	A, B	✓
K.G.5	6	A	✓

### Measurement and Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
K.MDA.1	3	A, B, C, D, H	✓
K.MDA.2	3	A, B, C, D, F, H	✓
K.MDA.3	1	A, B, C, E	✓
	2	A, B, C	✓
K.MDA.4	G1M3	D	✓

<sup>1</sup>Zearn Math includes lessons that target K.ATO.6; however, the Zearn Math lessons focus on number patterns and exclude other patterns such as letter patterns. Teachers will need to amend instruction to ensure students master the full intent of K.ATO.6.



# State Standards Alignment

## South Carolina: 1st Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Number Sense and Base Ten

STANDARD	MISSION	TOPICS	ALIGN
1.NSBT.1	4	A	✓
	6	B	✓
	G2M3	A, B	✓
	G2M7	B	✓
1.NSBT.2	2	D	✓
	4	A, B, F	✓
	6	B	✓
1.NSBT.3	4	B	✓
	6	B	✓
1.NSBT.4	4	C, D, F	✓
	6	C, D	✓
1.NSBT.5	2	D	✓
	4	A	✓
	6	B	✓
1.NSBT.6	4	C	✓
	6	C	✓

### Algebraic Thinking and Operations

STANDARD	MISSION	TOPICS	ALIGN
1.ATO.1	1	A, B, C, G, H	✓
	2	A, B, C, D	✓
	3	C, D	✓
	4	E	✓
	6	A, F	✓
	1.ATO.2	2	A
1.ATO.3	1	E, F	✓
	2	A, B	✓
1.ATO.4	1	G, H, I	✓
	2	B, C	✓
1.ATO.5	1	A, B, C, D, G, H, I	✓
	2	B, C	✓
1.ATO.6	1	B, C, D, F, I, J	✓
	2	A, B, C, D	✓
1.ATO.7	1	E	✓
	2	B, C	✓
1.ATO.8	1	D, H	✓
	2	C	✓
1.ATO.9	1	B, D, F, J	✓
	2	A, B	✓
	4	D	✓
	6	B	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
1.G.1	5	A	✓
1.G.2	5	B	✓
1.G.3	5	C, D	✓
1.G.4	5	A, C	✓

### Measurement and Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
1.MDA.1	3	A, B	✓
1.MDA.2	3	B, C	✓
1.MDA.3	5	D	✓
1.MDA.4	3	D	✓
1.MDA.5 <sup>1</sup>	3	D	✓
1.MDA.6	4	A	✓
	6	E	✓

<sup>1</sup>Zearn Math includes lessons that target 1.MDA.5; however, the Zearn Math lessons do not include t-charts and tallies. Teachers will need to amend instruction to ensure students master the full intent of 1.MDA.5.



# State Standards Alignment

## South Carolina: 2nd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Number Sense and Base Ten

STANDARD	MISSION	TOPICS	ALIGN
2.NSBT.1	3	A, B, C, D, E	✓
2.NSBT.2	3	B, C, D, E, G	✓
	6	A, B	✓
	7	B, E	✓
	8	D	✓
2.NSBT.3	3	C, D, E	✓
2.NSBT.4	3	E, F	✓
2.NSBT.5	1	B	✓
	4	A, B, C	✓
	7	B, E	✓
	8	D	✓
2.NSBT.6	4	D	✓
	6	A	✓
	7	B	✓
	8	D	✓
2.NSBT.7	4	B, C, D, E, F	✓
	5	A, B, C, D	✓
2.NSBT.8	3	G	✓
	5	A, D	✓

### Algebraic Thinking and Operations

STANDARD	MISSION	TOPICS	ALIGN
2.ATO.1	1	B	✓
	3	G	✓
	4	A, B, C, F	✓
2.ATO.2	1	A, B	✓
2.ATO.3	6	D	✓
2.ATO.4	6	A, B, C	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
2.G.1	8	A, B, C	✓
2.G.2	6	C	✓
2.G.3	8	B, C, D	✓

### Measurement and Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
2.MDA.1	2	A, B, C, D	✓
	7	C, D, F	✓
	8	A	✓
2.MDA.2	2	C	✓
	7	D	✓
2.MDA.3	2	B, D	✓
	7	D	✓
2.MDA.4	2	C, D	✓
	7	D	✓
2.MDA.5	7	A, E, F	✓
2.MDA.6	8	D	✓
2.MDA.7	3	D	✓
	7	B	✓
2.MDA.8	7	F	✓
2.MDA.9	7	A	✓
2.MDA.10 <sup>1</sup>	7	A	✓

<sup>1</sup>Zearn Math includes lessons that target 2.MDA.10; however, the Zearn Math lessons do not include t-charts. Teachers will need to amend instruction to ensure students master the full intent of 2.MDA.10.



# State Standards Alignment

## South Carolina: 3rd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Number Sense and Base Ten

STANDARD	MISSION	TOPICS	ALIGN
3.NSBT.1	2	C, D, E	✓
3.NSBT.2	2	A, D, E	✓
3.NSBT.3	3	F	✓
3.NSBT.4 <sup>1</sup>	2	C, D, E	✓
3.NSBT.5	G4M1	B	✓

### Number Sense - Fractions

STANDARD	MISSION	TOPICS	ALIGN
3.NSF.1	5	A, B, C, D	✓
3.NSF.2	5	B, C, D, E, F	✓
3.NSF.3	G4M5	C, D	✓

### Algebraic Thinking and Operations

STANDARD	MISSION	TOPICS	ALIGN
3.ATO.1	1	A, C, E, F	✓
	3	A, B, C, D, E, F	✓
3.ATO.2	1	B, D, E, F	✓
	3	A, B, C, D, E	✓
3.ATO.3	1	A, B, C, D, E, F	✓
	3	A, B, C, D, E	✓
3.ATO.4	1	B, C, D, E, F	✓
	3	A, B, C, D, E	✓
3.ATO.5	1	C, E, F	✓
	3	A, B, C, D, F	✓
3.ATO.6	1	B, D, E, F	✓
	3	A, B, C, D, E	✓
3.ATO.7	1	D, E, F	✓
	3	A, B, C, D, E	✓
3.ATO.8	1	F	✓
	3	C, E, F	✓
	7	A	✓
3.ATO.9	3	A, D, E, F	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
3.G.1	7	B	✓
3.G.2	5	A, B, C	✓
3.G.3	G4M4	B	✓
3.G.4 <sup>2</sup>			X

### Measurement and Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
3.MDA.1	2	A, C, D, E	✓
3.MDA.2	2	B, C, D, E	✓
3.MDA.3	6	A	✓
3.MDA.4	6	B	✓
	7	D	✓
3.MDA.5	4	A, B, C, D	✓
3.MDA.6	7	C, D, E	✓

<sup>1</sup>Zearn Math includes lessons that target 3.NSBT.4; however, the Zearn Math lessons only go up to 1,000, not 100,000. Teachers will need to amend instruction to ensure students master the full intent of 3.NSBT.4.

<sup>2</sup>Zearn does not include any lessons that require students to identify three-dimensional shapes. Teachers will need to supplement instruction to ensure students master the full intent of 3.G.4.



# State Standards Alignment

## South Carolina: 4th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Number Sense and Base Ten

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

### Number Sense - Fractions

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

### Algebraic Thinking and Operations

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

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
4.G.1	4	A, D	✓
4.G.2	4	D	✓
4.G.3	4	D	✓
4.G.4	4	D	✓

### Measurement and Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
4.MDA.1	2	A, B	✓
	5	D, F, G	✓
	6	A, B, C, D	✓
	7	A, B, C	✓
4.MDA.2	2	A, B	✓
	5	D, F, G	✓
	6	C, E	✓
	7	A, B, C	✓
4.MDA.3	3	A, H	✓
4.MDA.4	5	E, G	✓
4.MDA.5	4	B	✓
4.MDA.6	4	B	✓
4.MDA.7	4	C	✓
4.MDA.8	6	E	✓
	7	D	✓



# State Standards Alignment

## South Carolina: 5th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### Numbers & Operations in Base 10

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

### Numbers & Operations - Fractions

STANDARD	MISSION	TOPICS	ALIGN
5.NSF.1	3	A, B, C, D	✓
5.NSF.2	3	B, C, D	✓
	4	D	✓
5.NSF.3	3	A	✓
	4	B	✓
5.NSF.4	4	C, D, E	✓
	5	C	✓
5.NSF.5	4	F	✓
5.NSF.6	4	D, E, F	✓
	5	C	✓
5.NSF.7	4	G	✓
5.NSF.8	4	G	✓

### Geometry

STANDARD	MISSION	TOPICS	ALIGN
5.G.1	6	A, B, C	✓
5.G.2	6	C, D	✓
5.G.3	5	D	✓
5.G.4	5	D	✓

### Measurement and Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
5.MDA.1	1	A	✓
	2	D	✓
	4	C, E	✓
5.MDA.2	4	A	✓
5.MDA.3	5	A, B	✓
5.MDA.4 <sup>1</sup>			X

### Algebraic Thinking and Operations

STANDARD	MISSION	TOPICS	ALIGN
5.ATO.1	2	A, B, C	✓
	4	D, G, H	✓
5.ATO.2	2	B, C	✓
	4	D, H	✓
	6	B	✓
5.ATO.3	6	B, D	✓

<sup>1</sup>Zearn does not include any lessons that require students to differentiate between perimeter, area, and volume and identify which application is appropriate for a given situation. Teachers will need to supplement instruction to ensure students master the full intent of 5.MDA.4.



# State Standards Alignment

## South Carolina: 6th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### The Number System

STANDARD	MISSION	TOPICS	ALIGN
6.NS.1	4	A, B, C, D, E	✓
6.NS.2	5	D	✓
6.NS.3	5	B, C, D, E	✓
	6	A	✓
	8	C	✓
6.NS.4	7	D	✓
6.NS.5	7	A	✓
6.NS.6	7	A, C	✓
6.NS.7	7	A, B, C	✓
6.NS.8	7	C	✓
6.NS.9	3	D	✓

### Ratios and Proportional Relationships

STANDARD	MISSION	TOPICS	ALIGN
6.RP.1	2	A, B	✓
6.RP.2	2	C	✓
	3	A, C	✓
6.RP.3	2	C, D, E, F	✓
	3	B, C, D, E	✓
	6	B, D	✓

### Expressions, Equations, and Inequalities

STANDARD	MISSION	TOPICS	ALIGN
6.EEI.1	1	F	✓
	6	C	✓
6.EEI.2	1	B, C, F	✓
	6	B, C	✓
	7	B	✓
6.EEI.3	6	B	✓
6.EEI.4	5	D	✓
	6	B	✓
6.EEI.5	6	A, B, C	✓
	7	B	✓
6.EEI.6	6	A, B	✓
	7	B	✓
6.EEI.7	6	A, B	✓
6.EEI.8	7	B	✓
6.EEI.9	6	D	✓

### Geometry and Measurement

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

### Data Analysis and Statistics

STANDARD	MISSION	TOPICS	ALIGN
6.DS.1	8	A, B, D	✓
6.DS.2	8	B, C, E	✓
6.DS.3	8	B	✓
6.DS.4	8	A, B, C, D	✓
6.DS.5	8	A, B, C, D, E	✓





# State Standards Alignment

## South Carolina: 7th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### The Number System

STANDARD	MISSION	TOPICS	ALIGN
7.NS.1	5	A, B	✓
	6	D	✓
	7	B	✓
7.NS.2	4	A	✓
	5	A, C	✓
	8	D	✓
7.NS.3	5	B, C, D, E, F	✓
7.NS.4	5	A	✓
7.NS.5	8	A, B	✓

### Expressions, Equations, and Inequalities

STANDARD	MISSION	TOPICS	ALIGN
7.EEI.1	6	D	✓
7.EEI.2	6	B	✓
7.EEI.3	3	C	✓
	5	C, F	✓
	6	A, B	✓
7.EEI.4	5	E	✓
	6	A, B, C	✓
	7	A	✓
	G8M4	B	✓
7.EEI.5	G8M7	B, C	✓

### Statistics & Probability

STANDARD	MISSION	TOPICS	ALIGN
7.DS.1	8	C, D, E	✓
7.DS.2	8	C, D, E	✓
7.DS.3	8	C, D	✓
7.DS.4	8	D, E	✓
7.DS.5	8	A	✓
7.DS.6	8	A	✓
7.DS.7	8	A, C, E	✓
7.DS.8	8	A, B	✓

### Ratios and Proportional Relationships

STANDARD	MISSION	TOPICS	ALIGN
7.RP.1	2	C	✓
	4	A	✓
7.RP.2	2	A, B, C, D, E	✓
	3	A, B	✓
	4	A	✓
	5	C, D	✓
7.RP.3	3	A	✓
	4	B, C, D	✓

### Geometry and Measurement

STANDARD	MISSION	TOPICS	ALIGN
7.GM.1	1	A, B, C	✓
	2	A	✓
	3	B, C	✓
7.GM.2	3	A	✓
	7	B, D	✓
7.GM.3	7	C	✓
7.GM.4	3	A, B, C	✓
7.GM.5	7	A	✓
7.GM.6	1	A	✓
	2	C	✓
	3	B	✓
	7	C, D	✓



# State Standards Alignment

## South Carolina: 8th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

### The Number System

STANDARD	MISSION	TOPICS	ALIGN
8.NS.1	8	E	✓
8.NS.2	8	A, B, C, D, E	✓
8.NS.3 <sup>1</sup>	8	E	✓

### Functions

STANDARD	MISSION	TOPICS	ALIGN
8.F.1 <sup>2</sup>	5	A, B, E	✓
8.F.2	5	B, C	✓
8.F.3	5	B, C, E	✓
8.F.4	5	C, D, E	✓
8.F.5	5	B, C	✓

### Expressions, Equations, and Inequalities

STANDARD	MISSION	TOPICS	ALIGN
8.EEI.1	7	B, C	✓
8.EEI.2	8	B, C, D	✓
8.EEI.3	7	C, D	✓
8.EEI.4	7	C, D	✓
8.EEI.5	3	A, B	✓
8.EEI.6	2	C	✓
	3	B, C, E	✓
8.EEI.7 <sup>3</sup>	4	B	✓
8.EEI.8 <sup>4</sup>	3	D, E	✓
	4	B, C, D	✓

### Geometry and Measurement

STANDARD	MISSION	TOPICS	ALIGN
8.GM.1	1	A, B, C, D	✓
	3	B	✓
8.GM.2	1	C, D	✓
	2	B	✓
8.GM.3	1	A	✓
	2	A, C	✓
8.GM.4	2	B	✓
8.GM.5	1	D	✓
	2	B, D	✓
8.GM.6	8	C	✓
8.GM.7	8	C	✓
8.GM.8	8	C	✓
8.GM.9 <sup>5</sup>	5	D, E, F	✓

### Statistics & Probability

STANDARD	MISSION	TOPICS	ALIGN
8.DS.1	6	A, B	✓
8.DS.2	6	B	✓
8.DS.3	6	B	✓
8.DS.4	6	C	✓
8.DS.5 <sup>6</sup>			

<sup>1</sup>Zearn Math includes lessons that target 8.NS.3; however, the Zearn Math lessons do not include percentages. Teachers will need to amend instruction to ensure students master the full intent of 8.NS.3.

<sup>2</sup>Zearn Math includes lessons that target 8.F.1; however, the Zearn Math lessons do not include mappings. Teachers will need to amend instruction to ensure students master the full intent of 8.F.1.

<sup>3</sup>Zearn Math includes lessons that target 8.EEI.7; however, the Zearn Math lessons do not include inequalities. Teachers will need to amend instruction to ensure students master the full intent of 8.EEI.7.

<sup>4</sup>Zearn Math includes lessons that target 8.EEI.8; however, the Zearn Math lessons do not include elimination. Teachers will need to amend instruction to ensure students master the full intent of 8.EEI.8.

<sup>4</sup>Zearn Math includes lessons that target 8.GM.9; however, the Zearn Math lessons do not include finding the surface area of cylinders. Teachers will need to amend instruction to ensure students master the full intent of 8.GM.9.

<sup>6</sup>Zearn Math's K-8 curriculum does not include lessons involving matrices. The content is covered in Zearn Math's high school curriculum, which is currently under development.