

State Standards Alignment Alabama

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 Kindergarten - 7th grade are fully aligned with the **2019 Alabama Course of Study: Mathematics** and can be utilized as the primary curriculum in the math classroom to meet all standards. Zearn Math curricular materials for 8th grade are largely aligned with the **2019 Alabama Course of Study: 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.

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

Alabama: Kindergarten

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Foundations of Counting

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

Operations and Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
8	4	A, B, C, D, G, H	✓
9	4	C, D, F, G, H	✓
10	1	C	✓
	4	A, B, C, D, E, G	✓
11	4	B, C, H	✓
12	4	A	✓
13	1	H	✓
	4	B, H	✓
	5	A, B, C	✓

Operations with Numbers

STANDARD	MISSION	TOPICS	ALIGN
14	5	A, B, C, D, E	✓

Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
15	1	A, B, C, E	✓
	2	A, B, C	✓

Measurement

STANDARD	MISSION	TOPICS	ALIGN
16	3	A, B, C, D, H	✓
17	3	A, B, C, D, F, H	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
18	2	A, B, C	✓
	6	B	✓
19	2	A, B, C	✓
	6	A	✓
20	2	C	✓
21	2	A, B, C	✓
	6	A, B	✓
22	6	A	✓
23	6	B	✓

¹Students should engage with all Zearn Math for K materials in order to master the full intent of 1; K Digital Activities include counting backwards, while print materials focus only on counting forwards.



State Standards Alignment

Alabama: 1st Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations and Algebraic Thinking

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

Operations with Numbers: Base 10

STANDARD	MISSION	TOPICS	ALIGN
10	4	A	✓
	6	B	✓
11	2	D	✓
	4	A, B, F	✓
	6	B	✓
12	4	B	✓
	6	B	✓
13	4	C, D, F	✓
	6	C, D	✓
14	2	D	✓
	4	A	✓
	6	B	✓
15	4	C	✓
	6	C	✓

Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
16	3	D	✓

Measurement & Data

STANDARD	MISSION	TOPICS	ALIGN
17	3	A, B	✓
18	3	B, C	✓
19	5	D	✓
20	4	A	✓
	6	E	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
21	5	A	✓
22	5	B	✓
23	5	C, D	✓



State Standards Alignment

Alabama: 2nd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations and Algebraic Thinking

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

Operations with Numbers: Base 10

STANDARD	MISSION	TOPICS	ALIGN
6	3	A, B, C, D, E	✓
7	3	B, C, D, E, G	✓
	6	A, B	✓
	7	B, E	✓
	8	D	✓
8	3	C, D, E	✓
9	3	E, F	✓
10	1	B	✓
	4	A, B, C	✓
	7	B, E	✓
	8	D	✓
11	4	D	✓
	6	A	✓
	7	B	✓
	8	D	✓
12	4	B, C, D, E, F	✓
	5	A, B, C, D	✓
13	3	G	✓
	5	A, D	✓
14	4	A, B, C, D, E, F	✓
	5	A, B, C, D	✓

Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
15	7	F	✓
16	7	A	✓

Measurement

STANDARD	MISSION	TOPICS	ALIGN
17	2	A, B, C, D	✓
	7	C, D, F	✓
	8	A	✓
18	2	C	✓
	7	D	✓
19	2	B, D	✓
	7	D	✓
20	2	C, D	✓
	7	D	✓
21	2	D	✓
	7	E, F	✓
22	7	A, E, F	✓
23	8	D	✓
24	3	D	✓
	7	B	✓
15	7	F	✓
16	7	A	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
25	8	A, B, C	✓
26	6	C	✓
27	8	B, C, D	✓



State Standards Alignment

Alabama: 3rd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations and Algebraic Thinking

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

Operations with Numbers: Base 10

STANDARD	MISSION	TOPICS	ALIGN
10	2	C, D, E	✓
11	2	A, D, E	✓
12	3	F	✓

Operations with Numbers: Fractions

STANDARD	MISSION	TOPICS	ALIGN
13	5	A, B, C	✓
14	5	B, C, D, E, F	✓
15	5	D	✓

Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
16	6	A	✓
17	6	B	✓
	7	D	✓

Measurement

STANDARD	MISSION	TOPICS	ALIGN
18	2	A, C, D, E	✓
19	2	B, C, D, E	✓
20	4	A, B, C, D	✓
21	4	A, B, D	✓
22	4	A, B, C, D	✓
23	4	A, B, C, D	✓
24	7	C, D, E	✓
25	7	C, D, E	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
26	7	B	✓



State Standards Alignment

Alabama: 4th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations and Algebraic Thinking

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

Operations with Numbers: Base 10

STANDARD	MISSION	TOPICS	ALIGN
6	1	A	✓
	3	B, C, G	✓
7	1	A, B, D, E, F	✓
8	1	A, B, D, E, F	✓
9	1	C	✓
10	1	D, E, F	✓
11	3	B, C, D, H	✓
12	3	E, F, G	✓

Operations with Numbers: Fractions

STANDARD	MISSION	TOPICS	ALIGN
13	5	B, D, E	✓
	6	B	✓
14	5	C, E	✓
15	5	A, B, D, E, F	✓
	6	D	✓
16	5	A, E, G	✓
17	6	B, D, E	✓
18	6	A, B, D, E	✓
19	6	B, C	✓

Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
20	5	E, G	✓

Measurement

STANDARD	MISSION	TOPICS	ALIGN
21	2	A, B	✓
	5	D, F, G	✓
	6	A, B, C, D	✓
	7	A, B, C	✓
22	2	A, B	✓
	5	D, F, G	✓
	6	C, E	✓
	7	A, B, C	✓
23	3	A, H	✓
24	4	B	✓
25	4	B	✓
26	4	C	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
27	4	A, D	✓
28	4	D	✓
29	4	D	✓



State Standards Alignment

Alabama: 5th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations and Algebraic Thinking

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

Operations with Numbers: Base 10

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

Operations with Numbers: Fractions

STANDARD	MISSION	TOPICS	ALIGN
9	3	B, C, D	✓
	4	D	✓
10	3	A, B, C, D	✓
11	3	A	✓
	4	B	✓
12	4	C, D, E	✓
	5	C	✓
13	4	F	✓
14	4	D, E, F	✓
	5	C	✓
15	4	G	✓

Data Analysis

STANDARD	MISSION	TOPICS	ALIGN
16	4	A	✓

Measurement

STANDARD	MISSION	TOPICS	ALIGN
17	1	A	✓
	2	D	✓
	4	C, E	✓
18	5	A, B	✓
19	5	B	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
20	6	A, B, C, D	✓
21	5	D	✓
22	5	D	✓
23	5	D	✓



State Standards Alignment

Alabama: 6th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Proportional Reasoning

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

Number Systems and Operations

STANDARD	MISSION	TOPICS	ALIGN
4	4	A, B, C, D, E	✓
5	5	D	✓
6	5	B, C, D, E	✓
	6	A	✓
	8	C	✓
7	7	D	✓
8	7	D	✓
9	7	A	✓
10	7	A, C	✓
11	7	A, C	✓
12	7	A, B, C	✓
13	7	A	✓

Algebra and Functions

STANDARD	MISSION	TOPICS	ALIGN
14	1	F	✓
	6	C	✓
15	1	B, C, F	✓
	6	B, C	✓
	7	B	✓
16	6	B	✓
17	5	D	✓
	6	B	✓
18	6	A, B, C	✓
	7	B	✓
19	6	A, B	✓
20	7	B	✓
21	6	D	✓

Data Analysis, Statistics, and Probability

STANDARD	MISSION	TOPICS	ALIGN
22	8	A, B, D	✓
23	8	B, C, E	✓
24	8	A, B, C, D, E	✓

Geometry and Measurement

STANDARD	MISSION	TOPICS	ALIGN
25	7	C	✓
26	1	A, B, C, D, G	✓
	4	D	✓
27	1	E, F, G	✓
28	1	E	✓
	4	D, E	✓



State Standards Alignment

Alabama: 7th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Proportional Reasoning

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

Algebra and Functions

STANDARD	MISSION	TOPICS	ALIGN
6	6	D	✓
7	6	B	✓
8	3	C	✓
	5	C, F	✓
	6	A, B	✓
9	5	E	✓
	6	A, B, C	✓
	7	A	✓

Geometry and Measurement

STANDARD	MISSION	TOPICS	ALIGN
17	1	A, B, C	✓
	2	A	✓
	3	B, C	✓
18	3	A	✓
	7	B, D	✓
19	7	C	✓
20	3	A, B, C	✓
21	7	A	✓
22	1	A	✓
	2	C	✓
	3	B	✓
	7	C, D	✓

Number Systems and Operations

STANDARD	MISSION	TOPICS	ALIGN
4	4	A	✓
	5	A, B	✓
	6	D	✓
	7	B	✓
	8	D	✓
5	5	B, C, D, E, F	✓

Data Analysis, Statistics, and Probability

STANDARD	MISSION	TOPICS	ALIGN
10	8	C, D, E	✓
11	8	C, D	✓
12	8	D, E	✓
13	8	A	✓
14	8	A	✓
15	8	A, C, E	✓
16	8	A, B	✓



State Standards Alignment

Alabama: 8th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Number Systems and Operations

STANDARD	MISSION	TOPICS	ALIGN
1	8	E	✓
2	8	A, B, C, D, E	✓

Algebra and Functions

STANDARD	MISSION	TOPICS	ALIGN
3	7	B, C	✓
4	8	B, C, D	✓
5	7	C, D	✓
6	7	C, D	✓
7	G7M2	C	✓
8	3	A, B	✓
9	2	C	✓
	3	B, C, E	✓
	4	C	✓
10	3	A, B	✓
11	4	B	✓
12	3	D, E	✓
	4	B, C, D	✓
13 ¹	5	A, B, E	✓
14 ³			X
15	5	B, C	✓
16	5	C, D, E	✓
17	5	B, C	✓

Data Analysis, Statistics, and Probability

STANDARD	MISSION	TOPICS	ALIGN
18	6	A, B	✓
19	6	B	✓
20	6	B	✓
21	6	C	✓

¹Zearn Math includes lessons that target 13; however, the Zearn Math lessons do not include mappings. Teachers will need to amend instruction to ensure students master the full intent of 13.

²Zearn Math's K-8 curriculum does not include lessons focused on evaluating functions. The content is covered in Zearn Math's high school curriculum, which is currently under development.

Geometry and Measurement

STANDARD	MISSION	TOPICS	ALIGN
22	1	A, B, C, D	✓
	2	B	✓
	3	B	✓
23	1	A	✓
	2	A, C	✓
24	2	B	✓
25	1	D	✓
	2	B, D	✓
26	8	C	✓
27	8	C	✓
28	8	C	✓
29 ⁴	5	D, E, F	✓
30	5	D, E, F	✓