State Standards Alignment
Kansas

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 are fully aligned with the **2017 Kansas Mathematics Standards** and can be utilized as the primary curriculum in the math classroom to meet all standards. Zearn Math curricular materials for 1st - 8th grades are largely aligned with the **2017 Kansas Mathematics Standards** 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	✓ MOSTLY ALIGNED	– PARTIALLY ALIGNED	X NOT 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.	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.	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.	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
Kansas: Kindergarten

Key

✓ FULLY ALIGNED | ✓ MOSTLY ALIGNED | – PARTIALLY ALIGNED | X NOT ALIGNED

Counting & Cardinality

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

Operations & Algebraic Thinking

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

Numbers & Operations in Base 10

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

Measurement & Data

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

State Standards Alignment
Kansas: 1st Grade

Key

✓ FULLY ALIGNED | ✓ MOSTLY ALIGNED | – PARTIALLY ALIGNED | X NOT ALIGNED

Operations & Algebraic Thinking

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

Numbers & Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
1.NBT.1	4	A	✓
	6	B	✓
1.NBT.2	2	D	✓
	4	A, B, F	✓
	6	B	✓
1.NBT.3[1]	4	B	✓
	6	B	✓
1.NBT.4	4	C, D, F	✓
	6	C, D	✓
1.NBT.5	2	D	✓
	4	A	✓
	6	B	✓
1.NBT.6	4	C	✓
	6	C	✓

Measurement & Data

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

Geometry

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

[1]Zearn Math includes lessons that target 1.NBT.3; however, the Zearn Math lessons do not include comparisons with the "not equal to" symbol. Teachers will need to amend instruction to ensure students master the full intent of 1.NBT.3.

State Standards Alignment
Kansas: 2nd Grade

Key

✓ FULLY ALIGNED | ✓ MOSTLY ALIGNED | – PARTIALLY ALIGNED | X NOT ALIGNED

Operations & Algebraic Thinking

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

Numbers & Operations in Base 10

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

Measurement & Data

STANDARD	MISSION	TOPICS	ALIGN
2.MD.1	2	A, B, C, D	✓
	7	C, D, F	✓
	8	A	✓
2.MD.2	2	C	✓
	7	D	✓
2.MD.3	2	B, D	✓
	7	D	✓
2.MD.4	2	C, D	✓
	7	D	✓
2.MD.6	7	A, E, F	✓
2.MD.7	8	D	✓
2.MD.8	3	D	✓
	7	B	✓
2.MD.9	3	D	✓
	7	B	✓
2.MD.10	7	F	✓
2.MD.11	7	A	✓

Geometry

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

[1]Zearn Math includes lessons that target 2.NBT.4; however, the Zearn Math lessons do not include comparisons with the "not equal to" symbol. Teachers will need to amend instruction to ensure students master the full intent of 2.NBT.4.

State Standards Alignment
Kansas: 3rd Grade

Key

✓ FULLY ALIGNED | ✓ MOSTLY ALIGNED | – PARTIALLY ALIGNED | X NOT ALIGNED

Operations & Algebraic Thinking

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

Numbers & Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
3.NBT.1	2	C, D, E	✓
3.NBT.2	2	A, D, E	✓
3.NBT.3	3	F	✓

Numbers & Operations - Fractions

STANDARD	MISSION	TOPICS	ALIGN
3.NF.1	5	A, B, C	✓
3.NF.2	5	D	✓
3.NF.3[1]	5	B, C, D, E, F	✓

Measurement & Data

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

Geometry

STANDARD	MISSION	TOPICS	ALIGN
3.G.1	7	B	✓
3.G.2	5	A, B, C	✓

[1]Zearn Math includes lessons that target 3.NF.3d; however, the Zearn Math lessons do not include comparisons with the "not equal to" symbol. Teachers will need to amend instruction to ensure students master the full intent of 3.NF.3d.

State Standards Alignment
Kansas: 4th Grade

Key

✓ FULLY ALIGNED | ✓ MOSTLY ALIGNED | – PARTIALLY ALIGNED | X NOT ALIGNED

Operations & Algebraic Thinking

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

Numbers & Operations in Base 10

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

Numbers & Operations - Fractions

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

Measurement & Data

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

Geometry

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

[1]Zearn Math includes lessons that target 4.NBT.2, 4.NF.2, and 4.NF.7; however, the Zearn Math lessons do not include comparisons with the "not equal to" symbol. Teachers will need to amend instruction to ensure students master the full intent of 4.NBT.2, 4.NF.2, and 4.NF.7.

[2]Zearn Math includes lessons that target 4.MD.4; however, the Zearn Math lessons do not include bar graphs or pictographs. Teachers will need to amend instruction to ensure students master the full intent of 4.MD.4.

State Standards Alignment
Kansas: 5th Grade

Key

✓ FULLY ALIGNED | ✓ MOSTLY ALIGNED | – PARTIALLY ALIGNED | X NOT ALIGNED

Operations & Algebraic Thinking

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

Numbers & Operations in Base 10

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

Numbers & Operations - Fractions

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

Measurement & Data

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

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	✓

[1]Zearn Math includes lessons that target 5.NBT.3b; however, the Zearn Math lessons do not include comparisons with the "not equal to" symbol. Teachers will need to amend instruction to ensure students master the full intent of 5.NBT.3b.

[2]Zearn Math includes lessons that target 5.MD.2; however, the Zearn Math lessons do not include bar graphs or pictographs. Teachers will need to amend instruction to ensure students master the full intent of 5.MD.2.

State Standards Alignment
Kansas: 6th Grade

Key

✓ FULLY ALIGNED | ✓ MOSTLY ALIGNED | – PARTIALLY ALIGNED | X NOT ALIGNED

Ratios & 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	✓

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	✓

Expressions & Equations

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

Geometry

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

Statistics & Probability

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

[1]Zearn Math includes lessons that target 6.SP.4; however, the Zearn Math lessons do not include stem-and-leaf plots. Teachers will need to amend instruction to ensure students master the full intent of 6.SP.4.

State Standards Alignment
Kansas: 7th Grade

Key

✓ FULLY ALIGNED | ✓ MOSTLY ALIGNED | – PARTIALLY ALIGNED | X NOT ALIGNED

Ratios & 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	✓

Expressions & Equations

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

Statistics & Probability

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

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	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
7.G.1	1	A, B, C	✓
	2	A	✓
	3	B, C	✓
7.G.2[1]			X
7.G.3	7	C	✓
7.G.4	3	A, B, C	✓
7.G.5[2]	7	A	✓
	G8M5	D	✓
7.G.6[3]	1	A	✓
	2	C	✓
	3	B	✓
	7	C, D	✓

[1]Zearn Math's K-8 curriculum does not include lessons focused on identifying three-dimensional objects generated by rotating two-dimensional objects around one edge. The content is covered in Zearn Math's high school curriculum, which is currently under development.
[2]Zearn Math includes lessons that target 7.G.5; however, the Zearn Math lessons do not include surface area of cylinders. Teachers will need to amend instruction to ensure students master the full intent of 7.G.5.
[3]Zearn Math includes lessons that target 7.G.6; however, the Zearn Math lessons do not include surface area of cylinders. Teachers will need to amend instruction to ensure students master the full intent of 7.G.6.

State Standards Alignment
Kansas: 8th Grade

Key

✓ FULLY ALIGNED | ✓ MOSTLY ALIGNED | – PARTIALLY ALIGNED | X NOT ALIGNED

The Number System

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

Expressions & Equations

STANDARD	MISSION	TOPICS	ALIGN
8.EE.1	8	B, C, D	✓
8.EE.2	7	C, D	✓
8.EE.3	7	C, D	✓
8.EE.4	3	A, B	✓
8.EE.5	2	C	✓
	3	B, C, E	✓
8.EE.6	3	B	✓
8.EE.7	4	B	✓
	G7M6	C	✓

Functions

STANDARD	MISSION	TOPICS	ALIGN
8.F.1	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	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
8.G.1	G4M4	B	✓
8.G.2	G4M4	B	✓
8.G.3	G4M4	C	✓
8.G.4	G7M7	A	✓
8.G.5	1	D	✓
	2	B, D	✓
8.G.6	G7M3	A	✓
	G7M7	B, D	✓
8.G.7	8	C	✓
8.G.8	8	C	✓
8.G.9	8	C	✓
8.G.10[1]	5	D, E, F	–
8.G.11[2]			X
8.G.12[1]	5	D, E, F	–

Statistics & Probability

STANDARD	MISSION	TOPICS	ALIGN
8.SP.1	6	A, B	✓
8.SP.2	6	B	✓
8.SP.3	6	B	✓
8.SP.4	6	C	✓

[1]Zearn Math includes lessons that target 8.G.10 and 8.G.10; however, the Zearn Math lessons are limited to volume of cones, cylinders, and spheres. Teachers will need to supplement instruction to ensure students master the full intent of 8.G.10 and 8.G.10.

[2]Zearn Math's K-8 curriculum does not include lessons focused on identifying three-dimensional objects generated by rotating two-dimensional objects around one edge. The content is covered in Zearn Math's high school curriculum, which is currently under development.