

State Standards Alignment Michigan

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 **Michigan Academic Standards for Mathematics** and can be utilized as the primary curriculum in the math classroom 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

Michigan: Kindergarten

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



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.5	6	A	✓
K.G.6	6	B	✓



State Standards Alignment

Michigan: 1st Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



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	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	✓



State Standards Alignment

Michigan: 2nd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



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	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.5	2	D	✓
	7	E, F	✓
2.MD.6	7	A, E, F	✓
2.MD.7	8	D	✓
2.MD.8	3	D	✓
	7	B	✓
2.MD.9	7	F	✓
2.MD.10	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	✓



State Standards Alignment

Michigan: 3rd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



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	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	6	A	✓
	6	B	✓
3.MD.4	7	D	✓
	4	A, B, C, D	✓
3.MD.5	4	A, B, D	✓
3.MD.6	4	A, B, D	✓
3.MD.7	4	A, B, C, D	✓
3.MD.8	7	C, D, E	✓

Geometry

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



State Standards Alignment

Michigan: 4th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



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	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	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	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	5	E, G	✓
4.MD.5	4	B	✓
4.MD.6	4	B	✓
4.MD.7	4	C	✓

Geometry

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



State Standards Alignment

Michigan: 5th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



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	✓
5.OA.3	6	B, D	✓

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	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	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	✓



State Standards Alignment

Michigan: 6th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



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	6	B	✓
6.EE.4	5	D	✓
	6	B	✓
6.EE.5	6	A, B, C	✓
	7	B	✓
6.EE.6	6	A, B	✓
	7	B	✓
6.EE.7	6	A, B	✓
6.EE.8	7	B	✓
6.EE.9	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	8	A, B, C, D	✓
6.SP.5	8	A, B, C, D, E	✓



State Standards Alignment

Michigan: 7th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



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	3	A	✓
	7	B, D	✓
7.G.3	7	C	✓
7.G.4	3	A, B, C	✓
7.G.5	7	A	✓
7.G.6	1	A	✓
	2	C	✓
	3	B	✓
	7	C, D	✓



State Standards Alignment

Michigan: 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	✓

Expressions & Equations

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

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	1	A, B, C, D	✓
	3	B	✓
8.G.2	1	C, D	✓
	2	B	✓
8.G.3	1	A	✓
	2	A, C	✓
8.G.4	2	B	✓
8.G.5	1	D	✓
	2	B, D	✓
8.G.6	8	C	✓
8.G.7	8	C	✓
8.G.8	8	C	✓
8.G.9	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	✓