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**	✓ **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.

Key

	FULLY ALIGNED		MOSTLY ALIGNED		PARTIALLY ALIGNED		NOT ALIGNED
✓		✓		—		X	

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

Operations & Algebraic Thinking

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

State Standards Alignment
Michigan: 2nd Grade

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

Operations & Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIG
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	ALIG
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	ALIG
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	ALIG
3.MD.1	2	A, C, D, E	✓
3.MD.2	2	B, C, D, E	✓
3.MD.3	6	A	✓
3.MD.4	6	B	✓
	7	D	✓
3.MD.5	4	A, B, C, 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	ALIG
3.G.1	7	B	✓
3.G.2	5	A, B, C	✓

State Standards Alignment
Michigan: 4th Grade

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

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	✓

ZEARN

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

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	✓

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