



Zearn Math Alignment to Eureka Math²

Zearn Math incorporates the best content from the highest-rated OER curricula and works alongside your instruction. This document highlights the alignment between the digital content in Zearn Math and each Module of Eureka Math².

When using Zearn Math alongside Eureka Math², kids will learn and practice concepts twice—once with you and once in their digital lessons. When you begin a new Module of instruction, start your students on the same content you are teaching. You can find our alignment recommendations for each Module of Eureka Math², K-8¹ on the following pages.² We recommend students complete digital lessons 3-4 times a week for 30 minutes a day to stay on track to complete all content.

¹Zearn Math's Grade 8 digital content is currently under development and will be released to pilot users on a rolling basis throughout the 2021-2022 academic school year.

²We know the real benefit to students comes when studying the same content in their Zearn Math independent digital lessons as in their live, teacher-led instruction. However, the sequence of content for EM² and Zearn Math does not always align perfectly. Our sequence of content has been refined and supported by the over 1 billion problems completed in Zearn Math over the past 7+ years as well as multiple independent studies conducted by external research groups; furthermore, rearranging of the Zearn sequence could alter the concrete to pictorial to abstract (CPA) learning progression built into the Zearn Math digital lessons in such a way where it might be confusing for students. As such, we have made notes of places where teachers might consider rearranging the EM² sequence of content to allow for the best student experience within Zearn Math.

Kindergarten

GK	Eureka Math²	Zearn Math Supporting Digital Content
Module 1 Module 2	Counting and Cardinality Two- and Three-Dimensional Shapes	→ Numbers to 5: Activities 1-50
Module 3 Module 4	Comparison Composition and Decomposition	→ Numbers to 10: Activities 1-50
Module 5	Addition and Subtraction	→ Numbers to 15: Activities 1-35
Module 6	Place Value Foundations	→ Numbers to 20: Activities 1-35

Grade 1

G1	Eureka Math²	Zearn Math Supporting Digital Content
Module 1	Counting, Comparison, and Addition	→ Mission 1: Add and Subtract Small Numbers (Topics A through F only)
Module 2	Addition and Subtraction Relationships	→ Mission 1: Add and Subtract Small Numbers (Topics G through J only)¹
Module 3	Properties of Operations to Make Easier Problems	→ Mission 2: Meet Place Value
Module 4	Comparison and Composition of Length Measurements	→ Mission 3: Measure Length
Module 5	Place Value Concepts to Compare, Add, and Subtract	→ Mission 4: Add and Subtract Big Numbers
Module 6	Attribute of Shapes · Advancing Place Value, Addition, and Subtraction²	→ Mission 5: Work with Shapes → Mission 6: Add and Subtract to 100

¹When beginning Module 2 of Eureka Math², it is okay to let students continue working through the digital content of Zearn Math's G1M1 at their own pace with the goal being to complete all of G1M1 by the end of Module 2.

²To ensure the digital content of Zearn Math best supports teacher's live instruction with Eureka Math², teachers should maintain a Topic-level alignment between the Topics of Module 6 and the content of Zearn Math's G1M5 and G1M6.

Grade 2

G2	Eureka Math ²	Zearn Math Supporting Digital Content
Module 1	Place Value Concepts Through Metric Measurement and Data · Place Value, Counting, and Comparing Within 1,000 ²	→ Mission 1: Add and Subtract Friendly Numbers ¹ → Mission 2: Explore Length → Mission 3: Counting and Place Value
Module 2	Addition and Subtraction within 200	→ Mission 4: Add, Subtract, and Solve
Module 3	Shapes and Time With Fraction Concepts	→ Mission 8: Shapes, Time, and Fractions
Module 4	Addition and Subtraction within 1,000	→ Mission 5: Add and Subtract Big Numbers
Module 5	Money, Data, and Customary Measurement	→ Mission 7: Length, Money, and Data
Module 6	Multiplication and Division Foundations	→ Mission 6: Equal Groups

¹While Grade 2 Module 1 of Eureka Math² does not begin with addition and subtraction, we recommend teachers allow students to start their digital learning in Zearn Math's G2M1 as we have found through years of testing that completing this Mission at the beginning of G2 sets students up for success in the remaining G2 Missions.

²After allowing students to complete Zearn Math's G2M1, to ensure the digital content of Zearn Math best supports the teacher's live instruction of Eureka Math², teachers should maintain a Topic-level alignment between the Topics of Module 1 and the content of Zearn Math's G2M2 and G2M3.

Grade 3

G3	Eureka Math ²	Zearn Math Supporting Digital Content
Module 1	Multiplication and Division with Modules of 2, 3, 4, 5, and 10	→ Mission 1: Multiply and Divide Friendly Numbers
Module 2	Place Value Concepts Through Metric Measurement	→ Mission 2: Measure It (Topics B through E only)
Module 3	Multiplication and Division with Modules of 0, 1, 6, 7, 8, and 9	→ Mission 3: Multiply and Divide Tricky Numbers
Module 4	Multiplication and Area	→ Mission 4: Find the Area
Module 5	Fractions as Numbers	→ Mission 5: Fractions as Numbers
Module 6	Geometry, Measurement, and Data ¹	→ Mission 2: Measure It (Topic A only)
		→ Mission 7: Shapes and Measurement (Topics B, C, and E only)
		→ Mission 6: Display Data

¹To ensure the digital content of Zearn Math best supports teacher’s live instruction with Eureka Math², teachers should maintain a Topic-level alignment between the Topics of Module 6 and the content of Zearn Math’s G3M2, G3M7, and G3M6.

Grade 4

G4	Eureka Math²	Zearn Math Supporting Digital Content
Module 1	Place Value Concepts for Addition and Subtraction	→ Mission 1: Add, Subtract, and Round
Module 2	Place Value Concepts for Multiplication and Division	→ Mission 2: Measure and Solve¹
Module 3	Multiplication and Division of Multi-Digit Numbers	→ Mission 3: Multiply and Divide Big Numbers
Module 4	Foundations for Fraction Operations	→ Mission 5: Equivalent Fractions
Module 5	Place Value Concepts for Decimal Fractions	→ Mission 6: Decimal Fractions
Module 6	Angle Measurements and Plane Figures	→ Mission 4: Construct Lines, Angles, and Shapes → Mission 7: Multiply and Measure²

¹The content of Zearn Math's G4M2 explicitly aligns to the content of Grade 4 Module 2 Topic D of Eureka Math². As such, we suggest teachers allow students to continue working through the digital content of Zearn Math's G4M1 until the teacher reaches Topic D of Module 2 in her live instruction of Eureka Math².

²The content of Zearn Math's G4M7 does not explicitly align to any Module of Grade 4 Eureka Math²; however, if time permits, we strongly encourage students be given the opportunity to engage with Zearn Math's G4M7 as it provides students with an opportunity to synthesize what they've learned in 4th grade and apply it in complex situations with conversions.

Grade 5

G5	Eureka Math ²	Zearn Math Supporting Digital Content
Module 1	Place Value Concepts for Multiplication and Division with Whole Numbers	→ Mission 2: Base Ten Operations
Module 2	Addition and Subtraction with Fractions	→ Mission 3: Add and Subtract Fractions
Module 3	Multiplication and Division with Fractions	→ Mission 4: Multiply and Divide Fractions and Decimals
Module 4	Place Value Concepts for Decimal Operations	→ Mission 1: Place Value with Decimal Fractions
Module 5	Addition and Multiplication with Area and Volume ¹	→ Mission 5: Volume, Area, and Shapes
Module 6	Foundations to Geometry in the Coordinate Plane	→ Mission 6: The Coordinate Plane

¹To ensure the digital content of Zearn Math best supports the teacher's live instruction of Eureka Math², teachers should maintain a Topic-level alignment between the Topics of Module 5 and the content of Zearn Math's G5M5. This means that students should engage with the digital content of Zearn Math's G5M5 in the following order: Topic D - Topic C - Topic A - Topic B.

Grade 6

G6	Eureka Math ²	Zearn Math Supporting Digital Content
Module 1	Ratios, Rates, and Percents	→ Mission 2: Introducing Ratios
		→ Mission 3: Module Rates and Percentages
Module 2	Operations with Fractions and Multi-Digit Numbers	→ Mission 4: Dividing Fractions
		→ Mission 5: Arithmetic in Base Ten
Module 3	Rational Numbers	→ Mission 7: Rational Numbers
Module 4	Expressions and One-Step Equations	→ Mission 6: Expressions and Equations
Module 5	Area, Surface Area, and Volume	→ Mission 1: Area and Surface Area
Module 6	Statistics	→ Mission 8: Data Sets and Distributions

Grade 7

G7	Eureka Math²	Zearn Math Supporting Digital Content
Module 1	Ratios and Proportional Relationships	→ Mission 2: Introducing Proportional Relationships
		→ Mission 1: Scale Drawings
Module 2	Operations with Rational Numbers	→ Mission 5: Rational Number Arithmetic
Module 3	Expression, Equations, and Inequalities	→ Mission 6: Expressions, Equations, and Inequalities¹
Module 4	Geometry²	→ Mission 7: Angles, Triangles, and Prisms
		→ Mission 3: Measuring Circles
Module 5	Percent and Applications of Percent	→ Mission 4: Proportional Relationships and Percentages
Module 6	Probability and Populations	→ Mission 8: Probability and Sampling

¹The digital content of Zearn Math's G7M6 aligns to the content of Eureka Math's G7 Module 3. However, some of the concepts taught in Zearn Math's G7M4 are extended in Zearn Math's G7M6. Engaging with these Missions out of sequence may prove to be challenging for students.

²To ensure the digital content of Zearn Math best supports the teacher's live instruction of Eureka Math², teachers should maintain a Topic-level alignment between the Topics of Module 4 and the content of Zearn Math's G7M7 and G7M3.

Grade 8

Zearn Math's Grade 8 digital content is currently under development and will be released to pilot users on a rolling basis throughout the 2021-2022 academic school year.

G8	Eureka Math²	Zearn Math Supporting Digital Content
Module 1	Scientific Notation, Exponents, and Irrational Numbers	→ Mission 7: Exponents and Scientific Notation → Mission 8: Pythagorean Theorem and Irrational Numbers (coming soon)
Module 2	Rigid Motions and Congruent Figures	→ Mission 1: Rigid Transformations and Congruence
Module 3	Dilations and Similar Figures	→ Mission 2: Dilations, Similarity, and Introducing Slope (coming soon)
Module 4	Linear Equations in One and Two Variables	→ Mission 4: Linear Equations and Linear Systems (Topics A and B only - coming soon) → Mission 3: Linear relationships (coming soon)
Module 5	Systems of Linear Equations	→ Mission 4: Linear Equations and Linear Systems (Topics C and D only - coming soon)
Module 6	Functions and Bivariate Statistics¹	→ Mission 5: Functions and Volume (coming soon) → Mission 6: Associations in Data (coming soon)

¹To ensure the digital content of Zearn Math best supports the teacher's live instruction of Eureka Math², teachers should maintain a Topic-level alignment between the Topics of Module 6 and the content of Zearn Math's G8M5 and G8M6.