

Helping All Students Access Grade-Level Math: Using Zearn with Agile Mind 6-8

Zearn is a digital learning platform designed to support all students in building a deep, lasting understanding of grade-level math. This guide shows how Zearn works alongside Agile Mind to help every student succeed.



About Zearn: A Daily, Coherent Companion to Your Core Math Curriculum

Zearn is designed to work alongside your core math curriculum every day — reinforcing key ideas through a research-grounded learning progression. Zearn's digital lessons complement and strengthen what you're already teaching, giving every student more opportunities to explore, persevere, and break through in grade-level math.

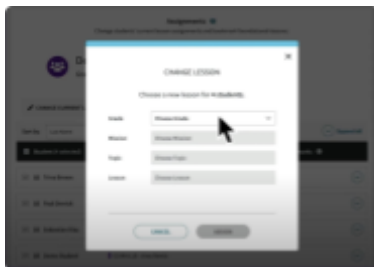
When learning with Zearn, students:

- Develop both procedural fluency and conceptual understanding, strengthening automaticity with math facts while deepening their grasp of key mathematical ideas.
- Engage with math through a Concrete–Pictorial–Abstract (CPA) progression, moving from objects and visual models to symbols and equations.
- Receive just-in-time, embedded support that helps them work through challenges while maintaining grade-level rigor.

Key Steps to Effective Zearn Usage

Within each grade, Zearn's digital content is organized into units — called Missions. Each Zearn Mission focuses on a related set of core grade-level math ideas, with lessons intentionally sequenced to build and deepen understanding. Students get the most out of Zearn when their Mission is connected to the concepts they are currently studying in class.

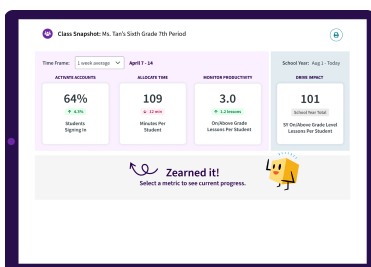
To use Zearn effectively, assign the Mission identified in this guide for your current unit and let students progress through the Mission lesson by lesson, in order, at their own pace. The goal is for students to complete at least three grade-level lessons per week, or 90 over the course of the year. The steps below outline how to put this into practice.



1. At the start of a new unit, assign students to the first lesson of the recommended Mission and let them progress at their own pace — no daily reassignment needed.



2. Set a goal for students to complete three grade-level lessons each week. Protect about 90 minutes of weekly instructional time to make this achievable.



3. Monitor progress during Zearn time and across the week using real-time reports. Use the data to identify students on track to complete three grade-level lessons per week and those who may need additional support.



4. Support and celebrate students by recognizing progress toward weekly goals and providing additional support to help every student continue moving forward.

Grade 6 Learning progression

This table shows the recommended Zearn Mission for each Agile Mind Topic. Refer to it each time you begin a new Topic to determine which Mission to assign.

Assign students to the first lesson of the recommended Mission and allow them to progress at their own pace. Because assignments are made at the Mission level, all students stay focused on the same grade-level concepts, even as they move through lessons at different speeds. When your class begins a new Topic, assign the next recommended Mission to all students, even if some have not finished their current Mission. Each Mission includes built-in supports that give every student access to new content while staying connected to grade-level learning.

Agile Mind	Zearn Math Supporting Digital Content
Topic 1: Operations with whole numbers (9 blocks)	Mission 2: Introducing Ratios (16 lessons)
Topic 2: Introducing ratios (11 blocks)	<i>Note: When you begin teaching Agile Mind Topic 2, students should continue working through Zearn Mission 2.</i>
Topic 3: Understanding and representing rates (12 blocks)	Mission 3: Unit Rates and Percentages (14 lessons)
Topic 4: Equivalent forms: fractions, decimals, and percents (9 blocks)	Mission 4: Dividing Fractions (16 lessons)
Topic 5: Adding and subtracting rational numbers (8 blocks)	Mission 5: Arithmetic in Base 10 (14 lessons)
Topic 6: Multiplying and dividing rational numbers (11 blocks)	<i>Note: When you begin teaching Agile Mind Topic 6, students should continue working through Zearn Mission 5.</i>
Topic 7: Extending the number system (9 blocks)	Mission 7: Rational Numbers (18 lessons)
Topic 8: Variables and expressions (14 blocks)	Mission 6: Expressions and Equations (16 lessons)

Agile Mind	Zearn Math Supporting Digital Content
Topic 9: Equality and inequality (6 blocks)	<i>Note: When you begin teaching Agile Mind Topic 9, students should continue working through Zearn Mission 6.</i>
Topic 10: Using equations and inequalities (9 blocks)	<i>Note: When you begin teaching Agile Mind Topic 10, students should continue working through Zearn Mission 6.</i>
Topic 11: Length and area (12 blocks)	Mission 1: Area and Surface Area (17 lessons)
Topic 12: Surface area and volume (7-9 blocks)	<i>Note: When you begin teaching Agile Mind Topic 12, students should continue working through Zearn Mission 1.</i>
Topic 13: Graphical representations of data (8 blocks)	Mission 8: Data Sets and Distributions (17 lessons)
Topic 14: Describing data (14 blocks)	<i>Note: When you begin teaching Agile Mind Topic 14, students should continue working through Zearn Mission 8.</i>

Grade 7 Learning progression

This table shows the recommended Zearn Mission for each Agile Mind Topic. Refer to it each time you begin a new Topic to determine which Mission to assign.

Assign students to the first lesson of the recommended Mission and allow them to progress at their own pace. Because assignments are made at the Mission level, all students stay focused on the same grade-level concepts, even as they move through lessons at different speeds. When your class begins a new Topic, assign the next recommended Mission to all students, even if some have not finished their current Mission. Each Mission includes built-in supports that give every student access to new content while staying connected to grade-level learning.

Agile Mind	Zearn Math Supporting Digital Content
Topic 1: Using ratios (12 blocks)	Mission 1: Scale Drawings (9 lessons)
Topic 2: Ratios and rates (9 blocks)	Mission 2: Introducing Proportional Relationships (14 lessons) Mission 4: Proportional Relationships and Percentages (14 lessons) <i>Zearn Tip: When students complete Zearn Mission 2, assign them to Zearn Mission 4.</i>
Topic 3: Patterns in proportional relationships (10 blocks)	<i>Note: When you begin teaching Agile Mind Topic 3, students should continue working through Zearn Mission 4.</i>
Topic 4: Applications of percents (12 blocks)	<i>Note: When you begin teaching Agile Mind Topic 4, students should continue working through Zearn Mission 4.</i>
Topic 5: Adding and subtracting integers (7 blocks)	Mission 5: Rational Number Arithmetic (14 lessons)
Topic 6: Multiplying and dividing integers (8 blocks)	<i>Note: When you begin teaching Agile Mind Topic 6, students should continue working through Zearn Mission 5.</i>
Topic 7: Rational numbers (11 blocks)	<i>Note: When you begin teaching Agile Mind Topic 7, students should continue working through Zearn Mission 5.</i>

Agile Mind	Zearn Math Supporting Digital Content
Topic 8: Equations and inequalities (11 blocks)	Mission 6: Expressions, Equations, and Inequalities (22 lessons)
Topic 9: Probability (13-14 blocks)	Mission 8: Probability and Sampling (17 lessons)
Topic 10: Representing and interpreting data (13 blocks)	<i>Note: When you begin teaching Agile Mind Topic 10, students should continue working through Zearn Mission 8.</i>
Topic 11: Designing simulations (6 blocks)	<i>Note: When you begin teaching Agile Mind Topic 11, students should continue working through Zearn Mission 8.</i>
Topic 12: Angles and triangles (8 blocks)	Mission 3: Measuring Circles (9 lessons) Mission 7: Angles, Triangles, and Prisms (14 lessons) <i>Zearn Tip: When students complete Zearn Mission 3, assign them to Zearn Mission 7.</i>
Topic 13: Solving problems with 2-D shapes (9 blocks)	<i>Note: When you begin teaching Agile Mind Topic 13, students should continue working through Zearn Mission 7.</i>
Topic 14: Prisms, pyramids, and plane sections (8 blocks)	<i>Note: When you begin teaching Agile Mind Topic 14, students should continue working through Zearn Mission 7.</i>
Topic 15: Effects of change (7 blocks)	<i>Note: When you begin teaching Agile Mind Topic 15, students should continue working through Zearn Mission 7.</i>

Grade 8 Learning progression

This table shows the recommended Zearn Mission for each Agile Mind Topic. Refer to it each time you begin a new Topic to determine which Mission to assign.

Assign students to the first lesson of the recommended Mission and allow them to progress at their own pace. Because assignments are made at the Mission level, all students stay focused on the same grade-level concepts, even as they move through lessons at different speeds. When your class begins a new Topic, assign the next recommended Mission to all students, even if some have not finished their current Mission. Each Mission includes built-in supports that give every student access to new content while staying connected to grade-level learning.

Agile Mind	Zearn Math Supporting Digital Content
Topic 1: Transformational geometry and similarity (11 blocks)	Mission 1: Rigid Transformations and Congruence (14 lessons) Mission 2: Dilations, Similarity, and Introducing Slope (12 lessons) <i>Zearn Tip: When students complete Zearn Mission 1, they will automatically progress to Zearn Mission 2. Midway through Agile Mind Topic 1, assign any students still on Zearn Mission 1 to Mission 2 so they can continue to progress with the class.</i>
Topic 2: Real numbers (12 blocks)	Mission 7: Exponents and Scientific Notation (15 lessons)
Topic 3: Laws of exponents and scientific notation (8 blocks)	<i>Note: When you begin teaching Agile Mind Topic 3, students should continue working through Zearn Mission 7.</i>
Topic 4: Pythagorean Theorem (9 blocks)	Mission 8: Pythagorean Theorem and Irrational Numbers (15 lessons)
Topic 5: Analyzing graphs (7 blocks)	Mission 3: Linear Relationships (13 lessons)
Topic 6: Exploring rate of change in motion problems (7 blocks)	<i>Note: When you begin teaching Agile Mind Topic 6, students should continue working through Zearn Mission 3.</i>

Agile Mind	Zearn Math Supporting Digital Content
Topic 7: Linear patterns and functions (10 blocks)	<i>Note: When you begin teaching Agile Mind Topic 7, students should continue working through Zearn Mission 3.</i>
Topic 8: Understanding slope and y-intercept (10 blocks)	<i>Note: When you begin teaching Agile Mind Topic 8, students should continue working through Zearn Mission 3.</i>
Topic 9: Exploring bivariate data (11 blocks)	Mission 6: Associations in Data (10 lessons)
Topic 10: Nonlinear relationships (7 blocks)	<i>Note: When you begin teaching Agile Mind Topic 10, students should continue working through Zearn Mission 6.</i>
Topic 11: Solving linear equations (8 blocks)	Mission 4: Linear Equations and Linear Systems (14 lessons)
Topic 12: Formulating and solving systems (8 blocks)	<i>Note: When you begin teaching Agile Mind Topic 12, students should continue working through Zearn Mission 4.</i>
Topic 13: Other methods for solving systems (9 blocks)	<i>Note: When you begin teaching Agile Mind Topic 13, students should continue working through Zearn Mission 4.</i>
Topic 14: Exploring geometric relationships (7 blocks)	Mission 5: Functions and Volume (18 lessons)
Topic 15: Cylinders, cones, and spheres (5-8 blocks)	<i>Note: When you begin teaching Agile Mind Topic 15, students should continue working through Zearn Mission 5.</i>