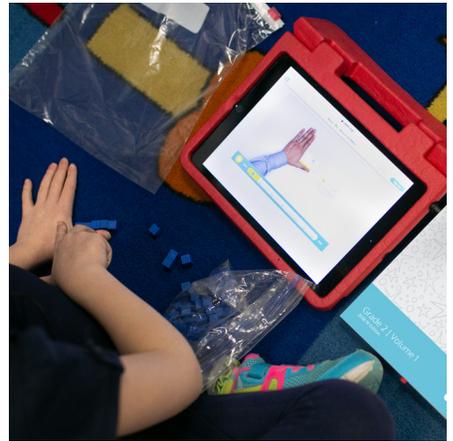


ZEARN Math



CURRICULUM AND CLASSROOM MODEL + PROFESSIONAL DEVELOPMENT + DATA AND INSIGHTS



All children can love learning math

- ✓ **AN APPROACH TO MATH TEACHING AND LEARNING** that is grounded in teacher practice, education research, and brain science
- ✓ **COHERENT, RIGOROUS, AND ENGAGING CURRICULUM** that supports all students in building a deep understanding of grade-level math
- ✓ **ROTATIONAL CLASSROOM MODEL** that embeds differentiation, precise feedback, and multi-modality learning into each day of instruction, with teacher-led small group lessons and self-paced digital learning
- ✓ **COMPREHENSIVE PROFESSIONAL DEVELOPMENT** that inspires ongoing math learning communities and builds deep pedagogical content knowledge for teachers
- ✓ **REAL TIME DATA AND INSIGHTS** that allow school leaders and teachers to track student progress through the curriculum and identify areas for support
- ✓ **PROVEN RESULTS** that show the development of flexible and positive learning mindsets and gains in math achievement with fidelity implementation



The only curriculum with a core personalized digital component green-lighted by EdReports



Five-star rating and “2018 Top Pick for Learning” from Common Sense Education



Instructional materials rated Tier 1 for “exemplifying quality” by The Louisiana Department of Education

PUBLISHED BY  ZEARN

Zearn is a nonprofit curriculum publisher on a mission to ensure all children love learning math. We work with teachers nationwide to build inclusive classroom communities where all students have equal opportunities to belong and deeply learn the math content of their grade.

Learning Principles

AN APPROACH TO TEACHING AND LEARNING GROUNDED IN TEACHER PRACTICE, EDUCATION RESEARCH, AND BRAIN SCIENCE

Everyone belongs and all math brains can grow.

Through a commitment to inclusivity and accessibility, Zearn Math creates classroom math communities where all students feel they belong and can love learning math. The curriculum fosters growth mindsets and a tenacity for learning, so students believe in their capacity to grow and are able to persevere through challenge.

Flexible learning environments deepen engagement and understanding.

Every day with Zearn Math, students have multiple ways to engage in learning, acquire knowledge, and demonstrate understanding, as they learn across a mix of instructional formats. Zearn Math's flexible approach accommodates learning differences, encourages curiosity and exploration, and builds a participatory math dialogue.

Feedback, while learning, is precise, timely, supportive, and safe.

During independent learning and small group lessons with their teacher, students receive safe, in-the-moment feedback that precisely addresses areas of misconception. When students learn in this type of feedback-rich and supportive environment, they become resilient, self-directed learners and can love learning math.

On-ramps, remediation, and pedagogical content PD allow all children to access grade-level math.

Zearn Math recognizes that all students may not be on grade level at all times and provides on-ramps and remediation support for areas of unfinished learning. Pedagogical content PD supports teachers as they address the needs of all the learners in their classroom.

Concept exploration begins in the concrete.

Zearn Math follows the concrete to pictorial to abstract approach, which teaches children to understand math concepts in an intuitive and tangible way. All students build a deep and sustainable understanding of math when they learn with this flexible and rich pedagogical approach.

Problem solving starts with visualization and drawing a picture.

Math is about reasoning and solving problems. Just as mathematicians often achieve breakthroughs by visualizing solutions, students learning with Zearn Math build flexible and accurate problem-solving skills by representing their thinking with pictures.

Learning math is coherent and fun.

Children who love math describe the curiosity and joy of exploring connections between concepts and working through problems. Zearn Math allows students to access math understanding—and have fun along the way—by teaching math as a progression of coherent ideas, rather than as disconnected procedures.

An Integrated Approach to Teaching and Learning

CREATING ENGAGEMENT AND DIFFERENTIATION FOR ALL STUDENTS

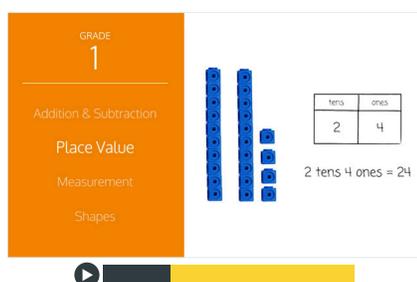


Curriculum and Classroom Model

Students can love learning math when they have access to high-quality grade-level materials, daily opportunities to explore content in multiple ways, and an inclusive, feedback-rich learning environment. With Zearn Math, students build a deep understanding of the math content of their grade and positive learning mindsets by experiencing this type of learning every day.

The top-rated curriculum teaches math as a progression of connected ideas, grounded in visual problem solving and the concrete to pictorial to abstract approach. Students learn in a rotational classroom model that embeds differentiation, precise feedback, and multi-modality learning into the daily math block by blending self-paced digital lessons and teacher-led whole group and small group learning.

Built on the belief that all math brains can grow, Zearn Math creates flexible learning environments that accommodate learning difference and foster growth mindsets and social belonging, so all students can love learning math.



Professional Development

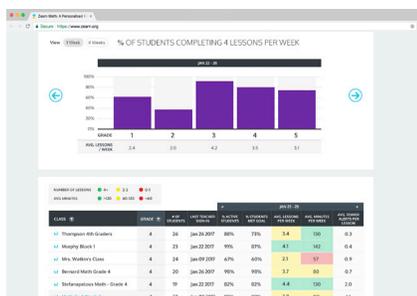
High-quality curricula is most effective when paired with professional development that supports teachers as they deliver differentiated instruction each day. Zearn Math PD provides this support, with upfront training to help classrooms get started and ongoing sessions that strengthen teachers' pedagogical content knowledge, so they can meet the needs of all learners.

Teachers collaborate to build expertise on implementing Zearn Math, understanding the fluency, application, and conceptual content of each grade, and engaging and supporting all students as they learn and persevere through areas of struggle. The comprehensive PD, delivered through an innovative on-demand platform, equips educators with the resources to inspire and maintain math learning communities throughout the year and from one school year to the next.

Data and Insights

Administrator-level support for teaching and learning with Zearn Math can drive strong usage and improvements in students' learning mindsets and math achievement. Zearn Math provides school leaders with all of the resources needed to implement Zearn Math district- or school-wide.

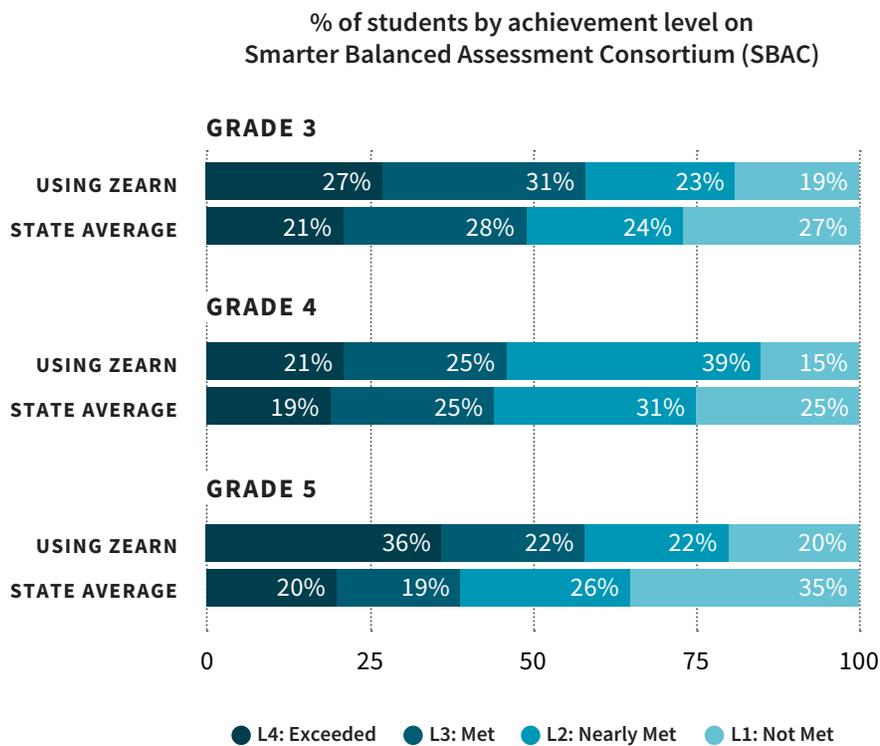
School Accounts feature real-time data and insights that administrators can use to ensure students are on track to complete grade-level math content and identify classrooms that need additional support.



Results with Zearn Math

IMPROVING ACADEMIC ACHIEVEMENT AND GROWING A LOVE OF LEARNING MATH FOR ALL STUDENTS

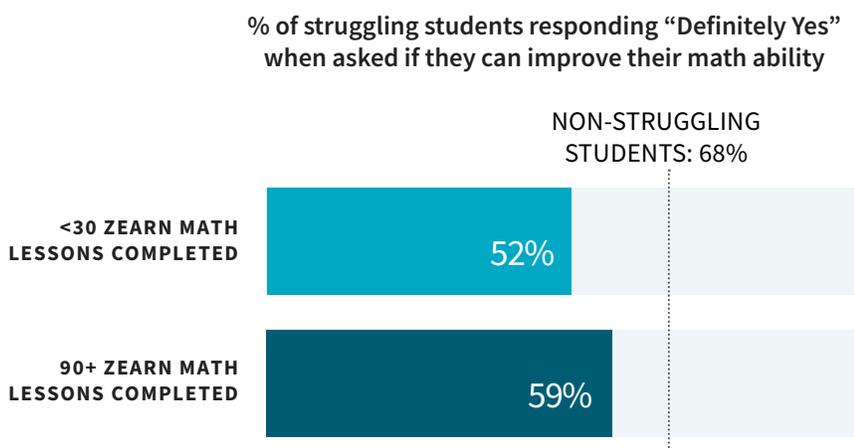
Grades learning with Zearn Math each week experienced proficiency gains higher than state averages on SBAC, across all levels



A 2018 analysis of SBAC results for ~9,000 third through fifth grade students across 131 schools

Grades that completed at least 60 Zearn Math lessons outperformed state averages across all Achievement Levels, with highest gains in 5th grade

Struggling students who completed more Zearn Math lessons self-reported more flexible, positive mindsets



A 2018 survey of ~345,000 third through fifth grade students across more than 2,500 districts

Struggling students who completed 90+ Zearn Math lessons were more likely to report a love of math and a belief in their ability to improve in math

Curriculum and Classroom Model

COMPREHENSIVE CURRICULAR MATERIALS THAT BUILD A DEEP UNDERSTANDING OF GRADE-LEVEL MATH FOR ALL STUDENTS



Whole Group Fluencies and Word Problems

Each day with Zearn Math starts with a Whole Group Warm-Up that engages all learners, builds a student-led math discourse, and creates a classroom math community where all students feel they belong. Students strengthen number sense and reinforce prior learning while working through a fluency or build flexible problem-solving skills as they collaboratively draw pictures to solve a word problem.



Independent Digital Lessons

Students learn and practice new concepts at their own pace with daily Independent Digital Lessons. Each lesson engages students with interactive instructional videos and high-quality digital manipulatives that allow students to construct their thinking with visual models. As students learn independently, they are supported with real-time, precise feedback that enables them to visualize the problem in multiple ways and try again. All Independent Digital Lessons include an adaptive fluency, a lesson-aligned fluency, guided practice with paper-and-pencil Student Notes, and independent practice.



Small Group Lessons

During daily Small Group Lessons, students have opportunities to problem solve with a range of learners as they model their math with concrete manipulatives, represent their thinking with pictures, and engage in rich math discussions. Teachers build a deep understanding of each learner and can provide students with direct feedback that addresses misconceptions in the moment of learning. Curricular materials for Small Group Lessons include space for teachers to annotate based on student needs, debrief questions, and optional problems for remediation and enrichment.



Assessments and Reports

The curriculum thoughtfully embeds Lesson- and Mission-Level Assessments, in both digital and paper-and-pencil formats, throughout students' daily and year-long learning. Teachers receive real-time data on student progress, productivity, and areas of struggle, which can be used to differentiate instruction and ensure all students receive the support they need.

Curriculum and Classroom Model

ROTATIONAL CLASSROOM MODEL THAT EMBEDS DIFFERENTIATION AND MULTI-MODALITY LEARNING INTO EACH DAY OF INSTRUCTION

Core Days

MONDAY - THURSDAY



Whole Group Fluencies
and Word Problems

15 MINUTES DAILY

Flex Day

FRIDAY



Whole Group Fluencies
and Word Problems

15 MINUTES DAILY



Independent
Digital Lessons

Four lessons each week

30 MINUTES DAILY



Small Group
Lessons

Four lessons each week

30 MINUTES DAILY



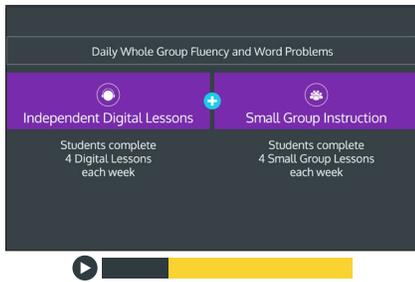
Flexible
Stations

Based on student needs

TIMING VARIES

Professional Development

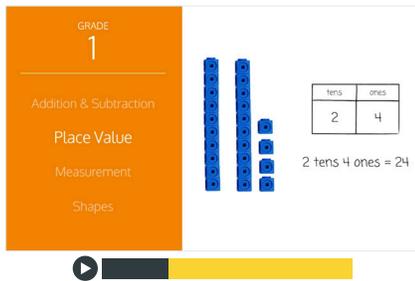
COMPREHENSIVE PD THAT SUPPORTS TEACHERS AS THEY IMPLEMENT AND TEACH ZEARN MATH



Classroom Implementation

ALL GRADES

Classroom Implementation PD supports teachers as they implement Zearn Math with training on the resources and reports available for instruction, the rotational classroom model, and the classroom systems that support independent learning. This PD includes 3 one-hour sessions designed for group learning and is intended to be completed by the start of the school year.

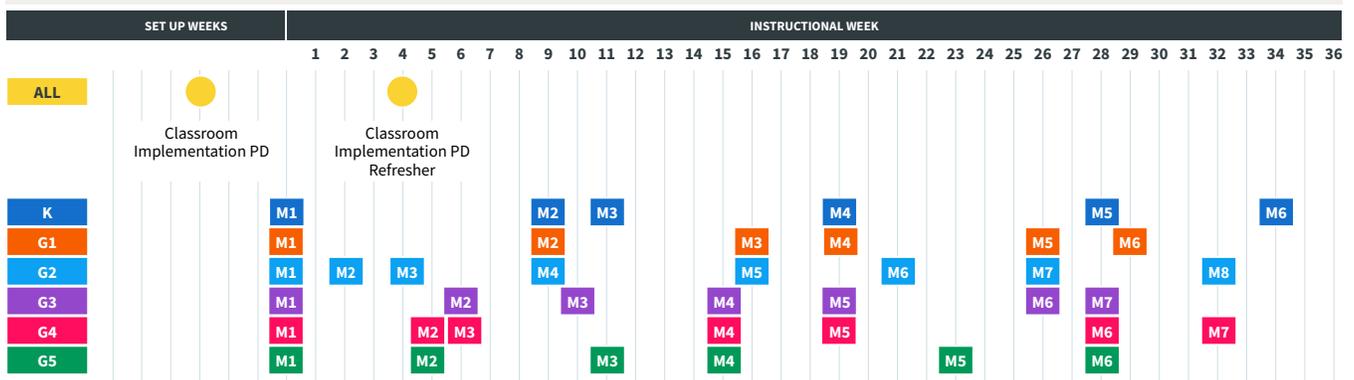


Curriculum Study

GRADE SPECIFIC

Curriculum Study PD includes all of the resources that schools need to inspire ongoing math learning communities and engage in a yearlong, collaborative study of grade-level math content. Teachers are prepared to meet the needs of the range of learners in their classrooms as they strengthen their pedagogical content knowledge of the fluency, application, and conceptual work in the Zearn Math curriculum. This PD includes a session for every Mission of the curriculum and is intended to be completed in grade-level teams before teachers begin teaching each Mission in their classroom. Each session covers the goals and big ideas of the Mission, dives into what student work teachers should expect to see, and prompts teachers to explore all of the curricular materials that will be used for their daily teacher-led instruction.

Zearn Math Professional Development Calendar



Data & Insights

SCHOOL ACCOUNTS THAT ADMINISTRATORS CAN USE TO LEAD A STRONG ZEARN MATH IMPLEMENTATION DISTRICT- OR SCHOOL-WIDE

ACCOUNT FEATURES

INDIVIDUAL

SCHOOL

Top-rated Zearn Math Curricular Materials



Reports for Administrators

Real-time data and insights that school leaders can use to monitor district- and school-wide Zearn Math usage, ensure students are on track to complete grade-level content, and identify classrooms that need extra support



Access to Zearn Professional Development

Comprehensive PD that builds expertise for districts and schools and supports teachers throughout the year as they implement and teach with Zearn Math; includes Curriculum Study PD and Classroom Implementation PD



Implementation Playbook and Ongoing Support

Yearlong guidance for administrators, including an in-depth playbook that outlines the recommended approach for implementing Zearn Math and a “Lead Zearn Math” email series with just-in-time support and resources



Rostering Services

Seamless and secure setup for all staff and student accounts as well as access to automated **Clever** roster management and instant login



Classroom Sharing

Shared visibility into classroom-level reports for multiple co-teachers, intervention teachers, and coaches



Exportable Data for Custom Analysis

Student- and classroom-level data to support custom analysis, student reports, and uploading to other systems



Printed Materials

ALL THE DAILY PAPER MATERIALS STUDENTS AND TEACHERS NEED IN ONE EASY-TO-USE PLACE



Zearn Student Workbooks

Each workbook is spiral-bound, perforated, and hole-punched for convenient daily use. Workbook materials cover every grade-level Zearn Math Mission.

Each workbook includes:

STUDENT NOTES

Students are prompted to complete guided Student Notes throughout each Independent Digital Lesson to transfer digital learning and strengthen retention.

EXIT TICKETS

Students complete a paper Exit Ticket after each Independent Digital Lesson to demonstrate understanding. Exit Tickets are un-scaffolded so teachers can see how well students transfer their learning to paper.

GOAL TRACKERS

Students keep track of their progress toward their Independent Digital Lesson completion goals with Paper Goal Trackers.

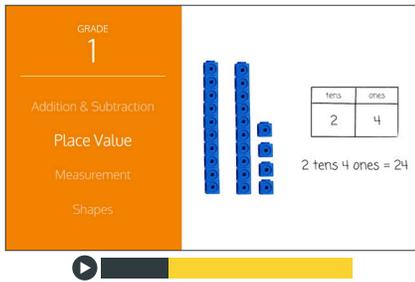


Zearn Teacher Answer Keys

Teachers can quickly and accurately check student work using printed Teacher Answer Keys, which include correct answers to Student Notes and Exit Tickets.

2019-20 Pricing

IMPLEMENTING ZEARN MATH IN YOUR SCHOOL OR DISTRICT



Professional Development

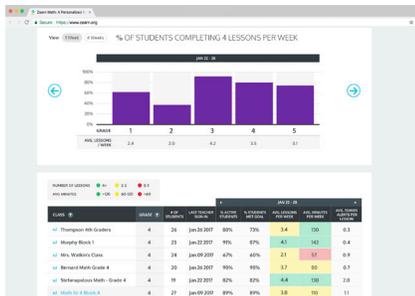
Comprehensive PD that builds deep pedagogical content knowledge and supports teachers as they implement Zearn Math

COMPREHENSIVE PD ACCESS:

- \$2,500 annual subscription per school site for Classroom Implementation and Curriculum Study PD
- Includes an unlimited number of teachers and administrators
- Available only to School Account holders

CLASSROOM IMPLEMENTATION PD ONLY:

- \$500 annual subscription per school site
- Includes an unlimited number of teachers and administrators
- Available only to School Account holders



School Accounts

Administrator-level tools and resources that district and school leaders can use to lead a strong Zearn Math implementation

SCHOOL ACCOUNT LICENSE:

- \$2,500 per school site
- Includes an unlimited number of students, teachers, and administrators

Printed Materials

All the daily paper materials students and teachers need in one easy-to-use place

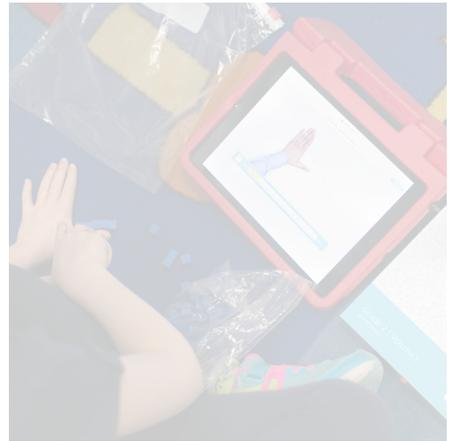
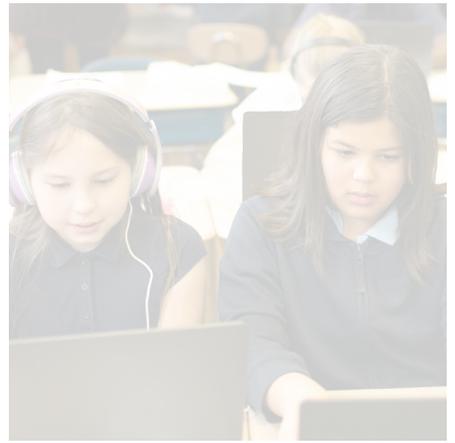
ZEARN STUDENT WORKBOOK:

- \$28 per workbook for full year of content

ZEARN TEACHER ANSWER KEY:

- \$75 per answer key for full year of content





Zearn is a nonprofit curriculum publisher on a mission to ensure all children love learning math. We work with teachers nationwide to build inclusive classroom communities where all students have equal opportunities to belong and deeply learn the math content of their grade. Zearn publishes Zearn Math, a top-rated K–5 print and digital curriculum that transforms the daily math block to create engagement and differentiation for all students. In addition, Zearn Math offers comprehensive Professional Development and administrator-level Data & Insights to support district- and school-wide learning.

Learn more at [Zearn.org](https://www.zearn.org)

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