



CALIFORNIA ClearMath®



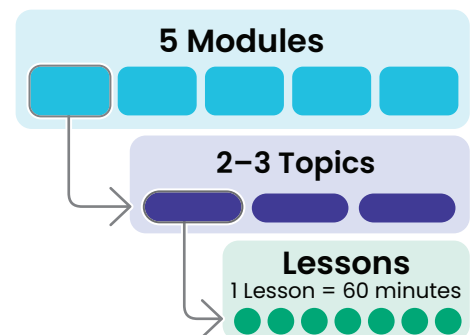
K-5 Program Description

California ClearMath K-5 is a core math program designed for rigorous, coherent, and equitable instruction. Aligned with the California Mathematics Framework, it cultivates mathematical habits of mind through problem solving, reasoning, and discourse. Students engage in meaningful discussions, articulate their thinking, and explore diverse perspectives. The program provides tailored strategies and language resources to ensure multilingual learners and diverse classrooms thrive.

California ClearMath K-5 fosters student-centered classrooms where students take ownership of their learning with teacher support and guidance. Engaging, practical elements make math instruction effective, including hands-on manipulatives, Daily Math Routines that build fluency, and intentional development of executive functioning skills. Its unique instructional design provides time for differentiated instruction, ensuring all students have opportunities to deepen their understanding. Through active engagement in meaningful mathematical experiences, students build confidence and grow as mathematical thinkers.

Course Design and Alignment

California ClearMath is organized into modules that help teachers focus on Big Ideas, with topics that build on one another to present the mathematics as a connected and meaningful progression. Grounded in the grade-level expectations defined by the California Common Core State Standards for Mathematics (CA CCSSM), the program regularly engages students in the Standards for Mathematical Practice by encouraging them to problem-solve, reason, and justify their thinking. Students build fluency—number sense, precision, and efficiency—through structured practice aligned to clear, grade-specific expectations.



Instructional Model and Teaching Cadence

California ClearMath follows a unique instructional model that blends Concept Lessons and Re-Engagement Lessons to support learning and reflection. This model ensures students engage with new concepts, reinforce their understanding, and apply their learning in meaningful ways.

In **Concept Lessons**, students actively engage with new mathematical ideas through hands-on activities and teacher-facilitated discussions. These lessons are structured into three parts to enhance both engagement and understanding.

Activate An introductory activity to generate curiosity and plant the seeds for deeper learning

Explore Interactive activities through which students develop a deep understanding of the lesson’s learning goals

Reflect A concluding activity where students reflect on and evaluate what they have learned and where teachers can collect formative assessment data

Following a series of Concept Lessons, **Re-Engagement Lessons** help students clarify, solidify, and stretch their understanding of mathematical concepts. Each Re-Engagement Lesson features **Explore Centers** that provide multiple pathways for differentiated learning.

Explore Centers for Re-Engagement

California ClearMath offers a variety of center options, including five **Explore Centers** for every Re-Engagement Lesson and flexible Topic-Level Centers that teachers can swap in or incorporate during student choice time.

Explore Centers provide opportunities to reteach, reinforce skills, and extend learning to best support students’ individual learning goals.

Topic-Level Centers offer additional opportunities for students to connect mathematics to their lived experiences by exploring mathematical concepts involving environmental principles, social justice topics, or data analysis. Teachers can use them to add or replace a center in Re-Engagement Lessons or to offer as a choice during other times in the day.

Clarify Center

Provides students with a teacher-facilitated, hands-on activity to address any unfinished learning they demonstrated in previous concept lessons

Solidify Center

Provides students an opportunity to reinforce the key mathematical ideas of the concept lessons

Stretch Center

Provides students an opportunity to extend the work of the concept lessons

Practice

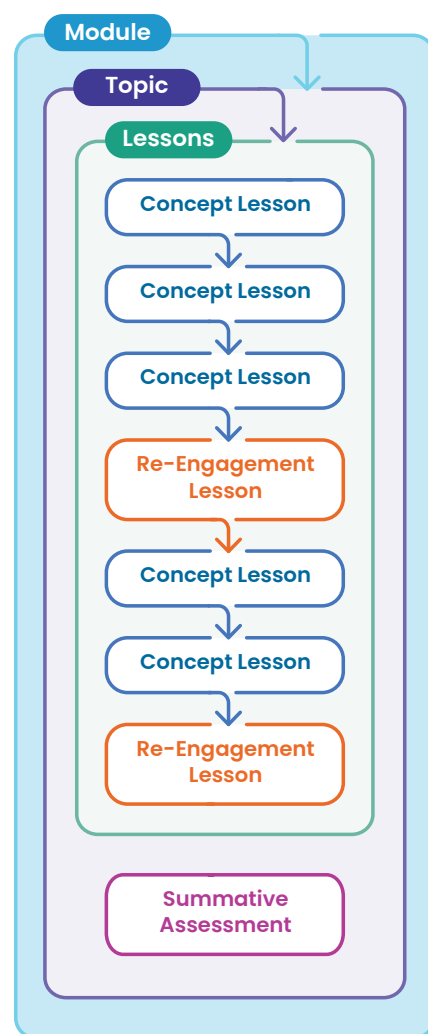


MATHia® Adventure provides students with the opportunity to engage in digital game play.

Review

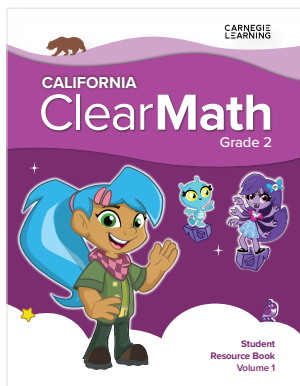
A **My Math Book** (Kindergarten) and **Spaced Review** (Grades 1–5) activity provides students with a review of previously learned skills and concepts.

Sample Module Structure



Inside the Student Experience

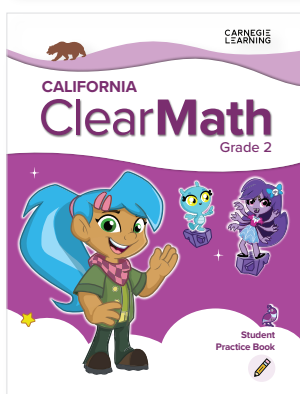
California ClearMath K–5 provides students with engaging resources that spark curiosity, promote discourse, and empower deep understandings of grade-level content.



Student Resource Book (SRB)

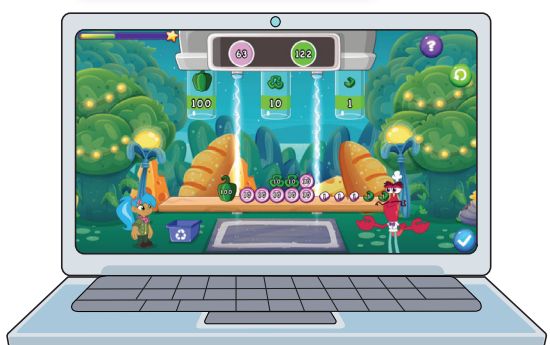
A consumable student text that serves as a primary learning resource, including the Concept and Re-Engagement Lessons, CA CCSSM alignments, Topic Introductions and Self-Reflections, and a glossary.

- **Topic Introductions** set the stage for learning by previewing key mathematical concepts in a student-friendly way.
- **Topic Self-Reflections** provide students with a structured way to track their progress and confidence with key concepts and skills.



Student Practice Book (SPB)

A workbook for additional skill reinforcement and home connections, including a family guide for each topic and practice for each lesson.



Clear Learning Center (CLC)

A digital platform that provides students and families access to:

- Digital versions of the printed student books
- Interactive assessments
- **MATHia Adventure:** A game-based learning experience that adapts in real time to support re-engagement and accelerate learning.

Manipulatives Kit

Grade-level kits provide hands-on tools to reinforce understanding, helping students visualize, interact with, and engage in math learning.

Daily Math Routines

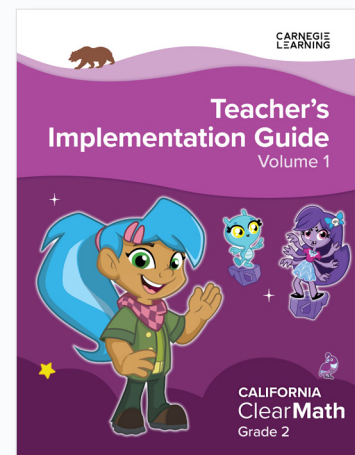
In addition to lesson materials, Daily Math Routines engage students in mathematical thinking and reasoning within the school day but outside the math block of time.

- **Headline Stories** are brief, open-ended problems that promote creative problem-solving and deductive reasoning.
- **Mental Math Routines** are whole-class, lively, and brief exercises that build students' mastery and skill fluency in critical arithmetic foundations of elementary math.

Effective Planning and Teaching Supports

California ClearMath K–5 provides a suite of implementation notes, embedded supports, and assessments that empower teachers to facilitate high-quality instruction for a community of diverse learners.

Teacher’s Implementation Guide (TIG): A comprehensive resource for effective planning and instruction, providing module, topic, and lesson overviews, along with CA CCSSM alignments and detailed facilitation notes that guide teachers in delivering California ClearMath content. This guide helps educators navigate instructional strategies, implement differentiation, and ensure coherence across lessons, making it an essential tool for daily planning and long-term success.

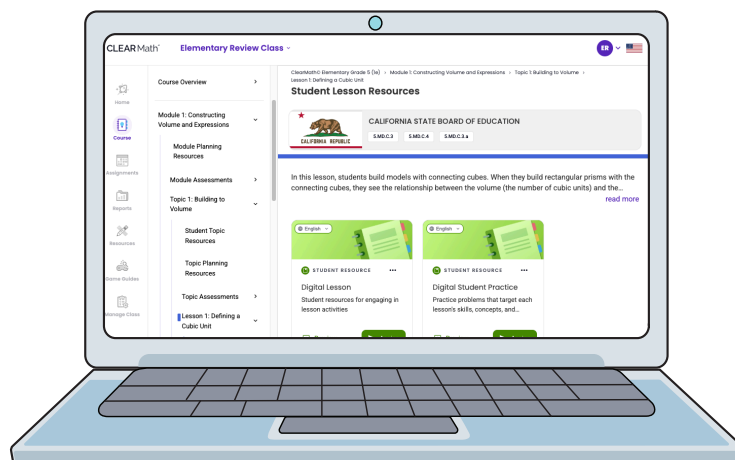


- The **Teacher’s Implementation Guide Overview (TIGO)** outlines the instructional model, course structure, and lesson planning supports, while providing guidance on assessments, differentiation, and data-driven instruction. With a focus on equity, it equips teachers with the tools for effective, standards-aligned instruction.
- **Module and Topic Overviews** illustrate the connection between CA CCSSM and mathematical development across the topics that make up each module. They describe how the learning goals tend to Big Ideas and Content Connections, ensuring a clear and coherent progression of concepts. These tools help teachers recognize the mathematical arc of the course and prepare to support all students to make meaningful mathematical connections.
- **Lesson Facilitation Notes** help teachers plan and facilitate instruction effectively. They include lesson overviews, pacing guides, materials lists, and grouping suggestion to guide the flow of instruction aligned to learning goals. Each lesson includes point-of-use notes, purposeful questions, and embedded supports to enhance student learning and accommodate diverse needs.

The **Clear Learning Center (CLC)** offers teachers digital access to California ClearMath, making all print resources available online for viewing, downloading, and assigning anytime, anywhere.

The CLC also includes additional tools to support instruction. These are a few of the many resources available.

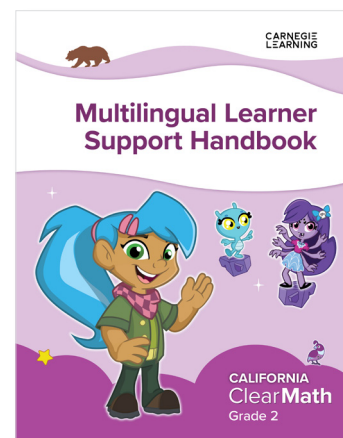
- Mathematical Progressions and Connections
- Assessment Suite and Guide
- MATHia Adventure Game Previews
- Data Insights
- Multilingual Learner Support Handbook
- Instructional resources to support readiness and intervention



Equitable Instruction for Diverse Classrooms

Grounded in Universal Design for Learning (UDL), California ClearMath equips teachers with strategies to make learning accessible for all students while fostering executive functioning skills that support their overall development. By embedding social and emotional learning and connecting to students' lived experiences, ClearMath creates opportunities for every student to succeed in math.

Embedded Supports within lesson facilitation notes support teachers to meet diverse needs and recognize the cultural, linguistic, and community knowledge students bring. Lessons incorporate authentic real-world contexts and multicultural perspectives, helping educators create an inclusive classroom environment that honors students' experiences and identities, ensuring every learner feels valued and supported.



Empowering Multilingual Learners Through Asset-Based Supports

California ClearMath embeds language development into instruction in various ways. The Teacher's Implementation Guide and the Multilingual Learner Support Handbook provide teachers access to multilingual learner resources and leveled scaffolds.

Multilingual Learner Support Handbooks include topic- and lesson-level resources that provide a holistic framework and strategies for supporting multilingual learners.

Math Language Routines (MLR): Each Topic Overview includes a sample MLR, and the Multilingual Learner Support Handbook provides one for every lesson. These research-based routines support students in developing mathematical understanding and the language to express their reasoning.

Language Goals with Leveled Scaffolds and Support:

Each Concept Lesson includes a language goal that integrates mathematical reasoning with language development, aligned with California's English Language Development Standards. The Multilingual Learner Support Handbook provides leveled scaffolds to help students at the Emerging, Expanding, and Bridging proficiency levels achieve each lesson's language goal.



Comprehensive Assessment and Data-Driven Instruction

California ClearMath provides a balanced assessment system with formative and summative assessments to monitor student progress. Assessment tools situated before, during, and after the learning experiences offer a through-line of data helping teachers make informed decisions for their students.

The Assessment Suite includes course-level, readiness, formative, and summative assessments for teachers to collect data and monitor progress.



Course Assessments

Beginning-of-Year
Middle-of-Year
End-of-Year Assessments

Module Assessments

ReadyCheck
End-of-Module

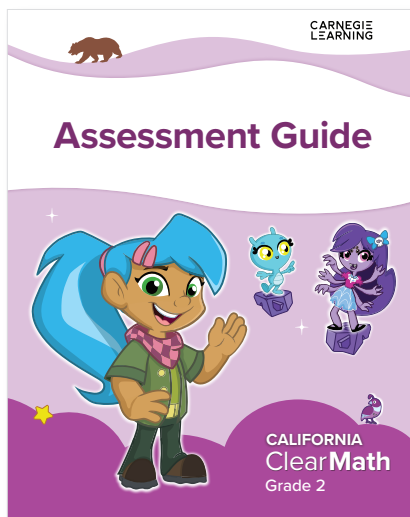
Topic Assessments

ReadyCheck
Snapshot
End-of-Topic
Performance Tasks

Lesson Assessments

Ongoing Assessment
Purposeful Questions
Reflect activities
MATHia Adventure Data

Interpreting and Responding to Assessment Data



The **Assessment Guide**, helps teachers analyze student data, identify learning needs, and take actionable next steps to inform instruction. It includes assessment blueprints outlining standards, item types, and depth of knowledge, along with targeted instruction recommendations based on student performance. These recommendations include small group activities, analog games, MATHia Adventure games, or fluency practice. The guide suggests ways to group students, celebrate success, provide enrichment, and additional practice beyond the classroom.

