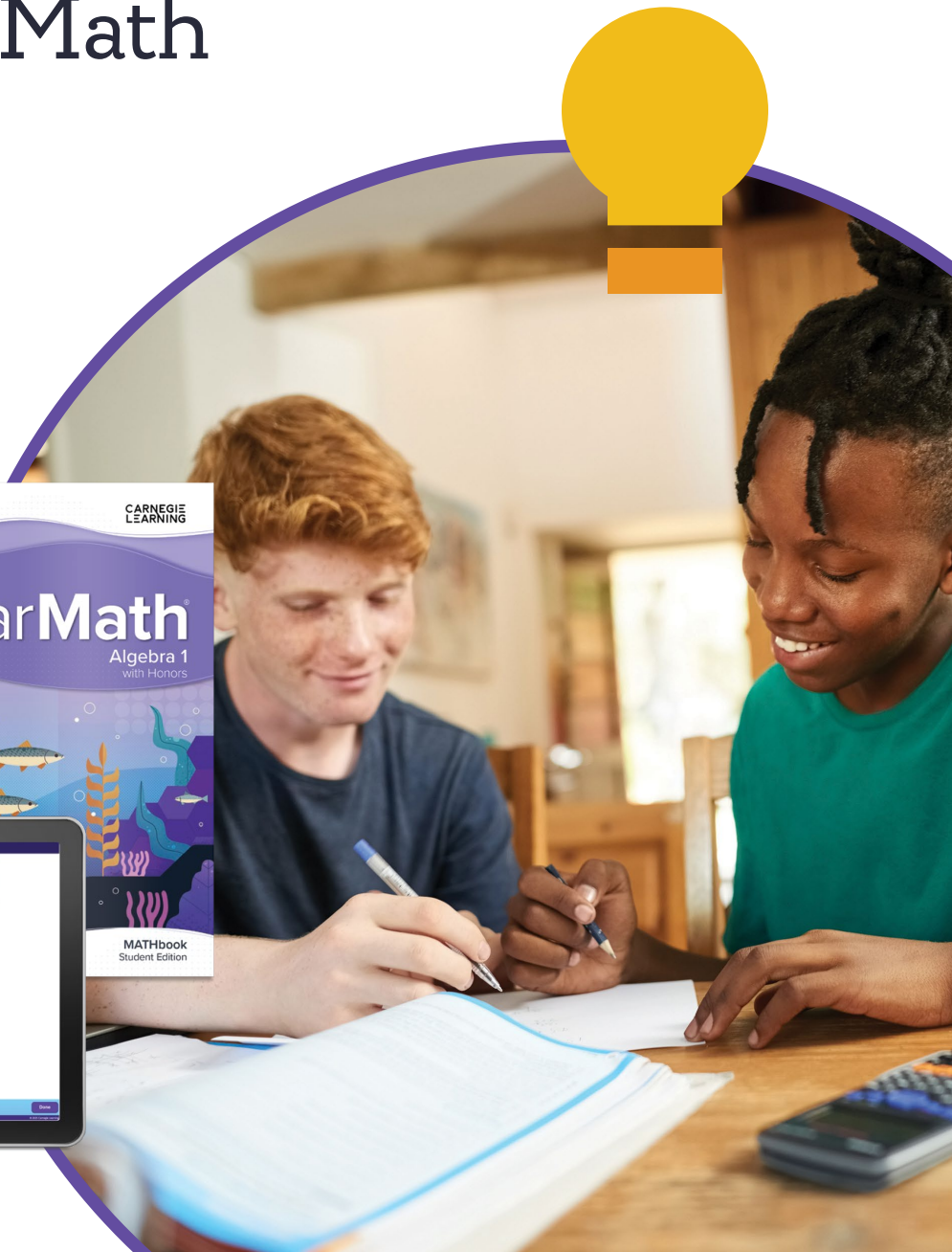
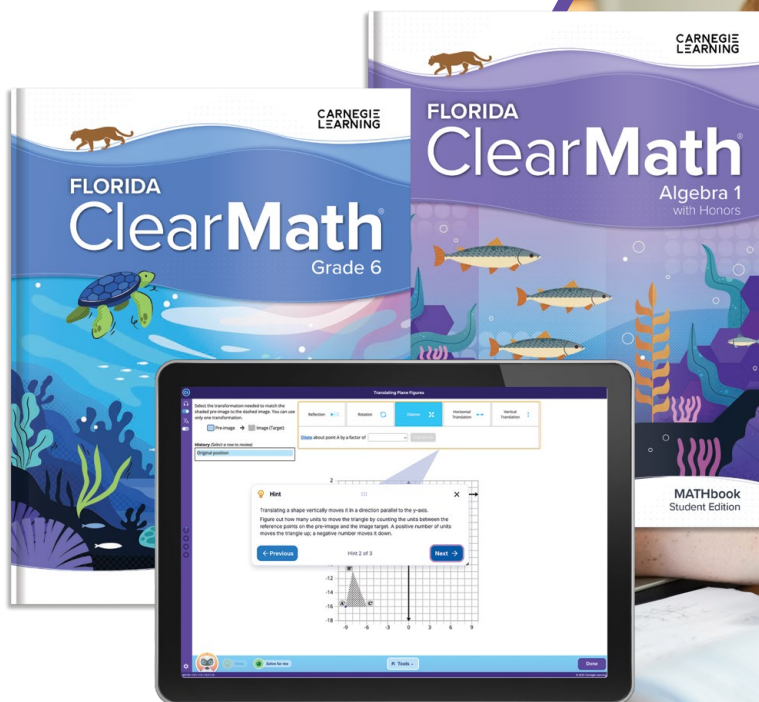
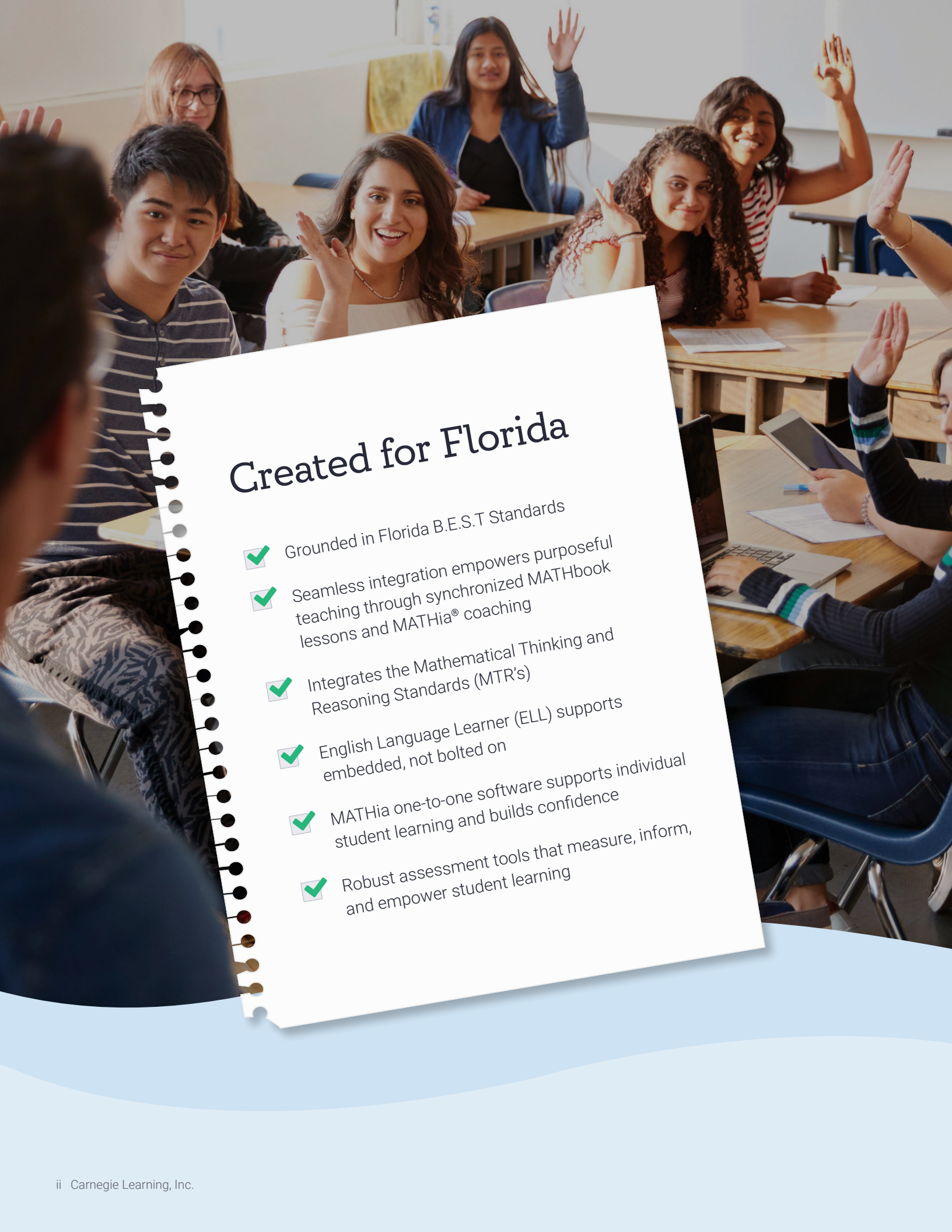


Florida ClearMath Secondary

Second Edition





Created for Florida

- ✓ Grounded in Florida B.E.S.T Standards
- ✓ Seamless integration empowers purposeful teaching through synchronized MATHbook lessons and MATHia® coaching
- ✓ Integrates the Mathematical Thinking and Reasoning Standards (MTR's)
- ✓ English Language Learner (ELL) supports embedded, not bolted on
- ✓ MATHia one-to-one software supports individual student learning and builds confidence
- ✓ Robust assessment tools that measure, inform, and empower student learning

What is Florida ClearMath Secondary?

Florida ClearMath Secondary is a comprehensive 6–12 core solution that fully aligns with Florida’s B.E.S.T. Standards. Our solution transforms students into confident sense-makers, articulate communicators, and creative problem solvers.

Every lesson combines intentional structure and flexible access, supporting English language learners, honoring student voice, and creating space for productive struggle. From MATHia, our AI-driven coaching software that personalizes instruction for each student, to in-class discourse and collaborative learning activities, we empower every student to experience joy in math as they meet and surpass grade-level expectations.

Florida ClearMath Secondary reflects the world students live in and the future they’re building.

No matter what pathway you choose, we have you covered.



Our Instructional Model

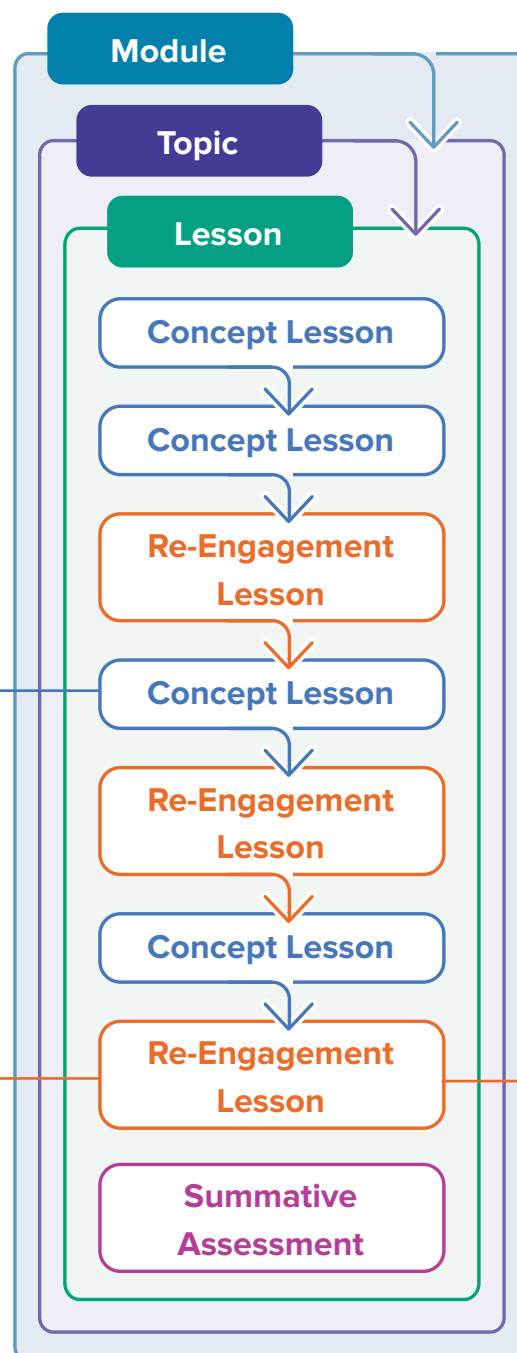
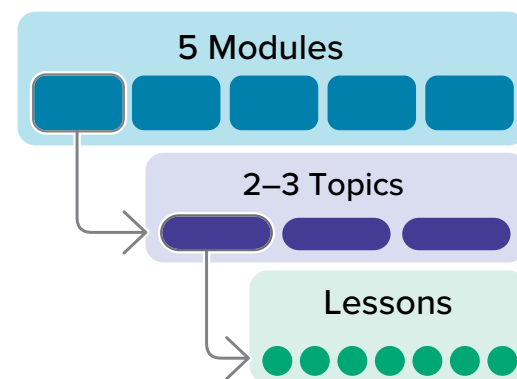
Built for deep understanding.

Florida ClearMath Secondary is designed around a rhythm that helps students make sense of math, revisit their thinking, and build lasting understanding. Two key lesson types, **Concept Lessons** and **Re-Engagement Lessons**, work together to support deep learning and timely support.

This “**teach-teach-pause**” structure empowers teachers with formative insights and supports students right when they need it, keeping the whole class on pace and moving forward.

Every lesson includes:

- Opportunities for student voice and choice
- Structured prompts that support academic discourse
- Built-in look-fors and teacher guidance to adjust instruction in the moment
- Integration with digital tools like **MATHia**, **MATHstream®**, and **Desmos™** to visualize and extend learning



Concept Lessons: Building Mathematical Understanding

Concept Lessons introduce big mathematical ideas through visual models, meaningful contexts, and rich discourse. Students explore, collaborate, and engage in productive struggle, building confidence as they go.

Re-Engagement Lessons: Reflecting and Strengthening

Re-Engagement Lessons follow Concept Lessons. These lessons pause to strengthen understanding, revisit misconceptions, and apply learning in new ways.

The Power of the Pause

Connected tools that make concepts stick.

In Florida ClearMath Secondary, a pause isn't a step back; it's the launchpad for deeper learning. Re-Engagement Lessons are designed to respond to what students need right now, not after the unit ends.

After each set of Concept Lessons, teachers use reflection tasks and classroom observations to identify student needs. These insights drive small-group instruction and target support, unlocking new paths forward. For students who are ready to move ahead, MATHia's adaptive engine keeps them challenged with content that grows with them, so no one is waiting around.

Re-Engagement in Action

- MATHia Playlists are customized sets of MATHia workspaces that align directly with recent concepts, giving students personalized, self-paced practice with embedded coaching
- LiveLab provides real-time teacher data to support grouping and targeted re-teaching
- MATHstream videos offer high-quality, just-in-time instruction from real math educators, ideal for review or extra support

Opportunities to Differentiate:

Explore and Develop *Personalized Learning and Intervention*

During the Re-Engagement Lesson, the primary goal of the Explore and Develop phase is for students to work independently on their personalized MATHia Playlist.

MATHia Playlist

All students work independently in MATHia, moving at their own pace through personalized workspaces. While some are working on concepts aligned with recent lessons, others are ahead or still building mastery of earlier topics. AI-driven support adapts to each student's performance, providing just the right level of challenge and reinforcement.

You can use this time to pull small groups of students needing additional support or time on key concepts through short, targeted center activities.

Clarify

Any students who demonstrated a misunderstanding of key math concepts or skills from the previous Concept Lessons, as identified through interactive Quick Checks or Reflect activities

Re-Teach

Any students who were absent and need to catch up on key learning from previous lessons through interactive videos or other resources

A coordinated pause helps teachers meet students where they are, without losing momentum.

Building Math Thinkers Through Productive Struggle

Students build deep understanding when they grapple with ideas, test strategies, and explain their thinking. Florida ClearMath Secondary creates the conditions where productive struggle leads to real mathematical insight.

Why Productive Struggle Matters

Students don't develop mathematical understanding by memorizing steps. That happens when they explore problems, try strategies, revise their thinking, and explain their ideas.

Florida ClearMath Secondary lessons invite students into mathematics from the start. They analyze meaningful problems, represent their thinking in multiple ways, and learn from one another as they build shared understanding. This process builds confidence, persistence, and the ability to make sense of math long after the lesson ends.

Our secondary math solution centers on learning by doing. Students actively solve problems, explore ideas, and connect representations while teachers guide discussion and highlight the important mathematical relationships that matter most.

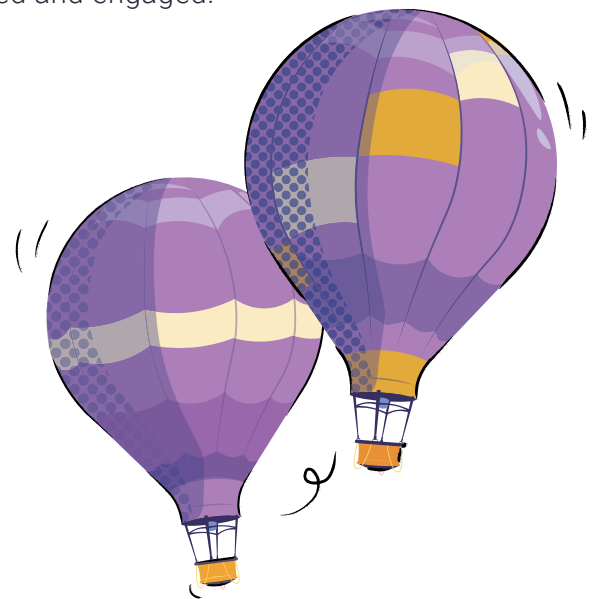
Designed to Support Productive Struggle Every Day

Florida ClearMath Secondary provides intentional structures that help teachers facilitate productive struggle while ensuring students stay supported and engaged.

Built to Launch Thinking

Every Florida ClearMath Secondary lesson opens with activities designed to spark curiosity and get students thinking before formal instruction begins. These launch activities invite students to analyze real-world situations, test strategies, and represent their thinking in multiple ways, building the conceptual foundation they need before procedures ever appear.

Teachers access and facilitate these activities through the Clear Learning Center (CLC), a digital platform that supports every phase of instruction, from lesson planning to real-time data insights.



Classroom Discourse Builds Understanding

Florida ClearMath Secondary lessons are built around discussion and reasoning throughout the learning process. Students explain their thinking, question one another's strategies, and refine their ideas through structured classroom conversations that push thinking forward. This collaborative approach helps students experience mathematics as a shared intellectual activity rather than an isolated exercise.

Teacher Guidance Supports Strategic Facilitation

Teachers receive point-of-use guidance that helps them navigate productive struggle effectively.

Lesson facilitation notes include:

- Key questions that advance thinking
- Common misconceptions to watch for
- Discussion prompts and look-fors
- Instructional supports for diverse learners

These resources help teachers guide learning while keeping the cognitive work with students.

Differentiation Strategy

Just-in-Time Support

Representation: Language & Symbols

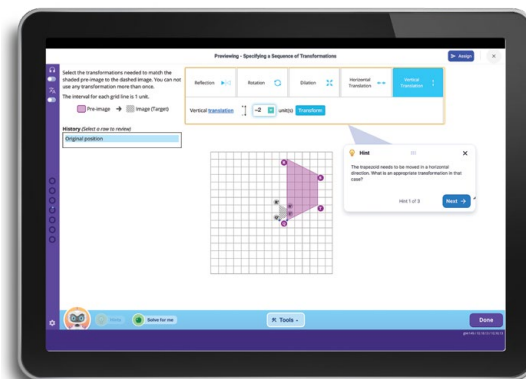
Encourage students that confuse the x -intercept and y -intercept to make a quick sketch and label the coordinate pair $(x, 0)$ for the x -intercept and $(0, y)$ for the y -intercept.

MATHia Builds Persistence and Confidence

MATHia extends productive struggle beyond the classroom through personalized, AI-powered coaching.

Students receive immediate feedback, targeted hints, and adaptive practice that help them persist through challenges and learn from mistakes.

As students work, they build confidence and discover that effort leads to improvement, and the struggle is part of the process.



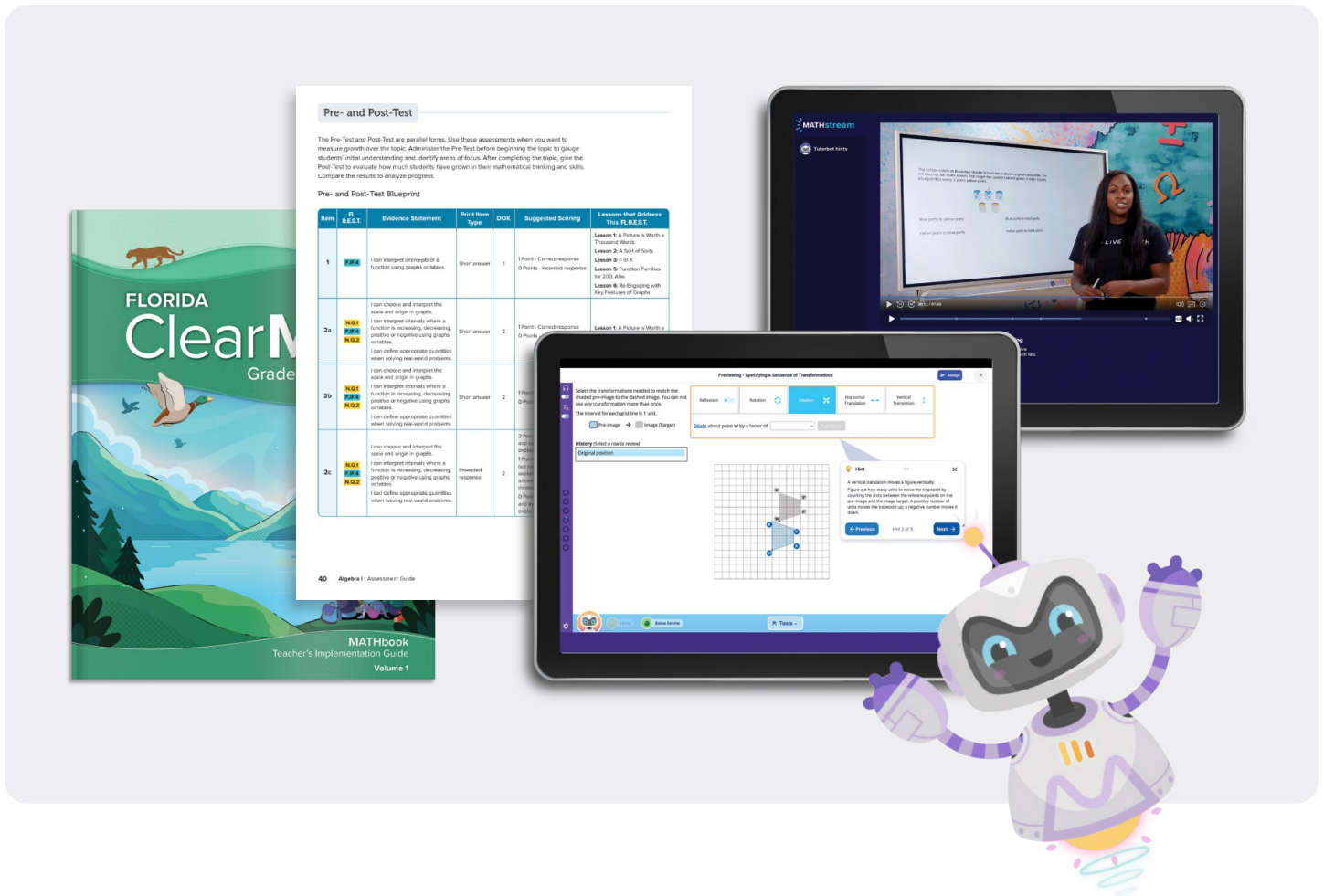
Aligned to the Florida B.E.S.T. Mathematics Standards



Florida ClearMath Secondary develops mathematical thinking through problem solving, reasoning, and discussion. Students share ideas, explore multiple approaches, and build understanding through the kind of learning experiences that actually stick.

Tools Tailored to Sunshine State Teachers

Florida ClearMath Secondary provides flexible, ready-to-use resources that make it easy to plan, teach, and adapt without sacrificing rigor or instructional time.



Your Teacher Toolkit Includes:

- ✓ **Lesson Overviews** focus on key ideas, student strategies, and discussion prompts
- ✓ **Editable Slides** launch instruction faster with built-in visuals and pacing
- ✓ **Language Supports** elevate discourse with Embedded Language Goals and Routines
- ✓ **Re-Engagement Lessons** guide small-group instruction with real-time classroom insights
- ✓ **MATHia Reports + LiveLab** monitors progress and plans just-right re-engagement strategies with real-time insights
- ✓ **MATHstream Access*** provides expert video instruction to reinforce classroom learning
- ✓ **Performance Tasks** assess conceptual understanding in meaningful ways
- ✓ **The Clear Learning Center** houses necessary resources with searchable, centralized access



“Because Carnegie Learning lessons are so thorough and well-structured, students can connect things they didn’t know were connected before. So, all of a sudden, they’re talking, correcting each other, and walking out of class saying, ‘Wow, I don’t think I ever learned like this before.’ And they come back the next day excited to do it all over again.”

Shannon Drumma
6th Grade Math Teacher

Plan with Purpose. Teach with Clarity. Reach Every Learner.

Because you’re the expert in your classroom, your curriculum should support your decisions, not override them. That’s why Florida ClearMath Secondary is built for flexibility, clarity, and trust in your professional judgment.

Whether you’re supporting English language, accelerating some students while reteaching others, or creating space for student voice and agency, our program equips you with:

- Clear routines and structure without rigidity
- Prompts for reasoning, reflection, and academic discourse
- Digital tools like MATHia and MATHstream that personalize learning
- Built-in guidance for differentiation and small-group instruction
- Embedded supports for accessibility and language development
- Tools for real-time data, progress monitoring, and instructional insights

Assessment That Drives Learning, Not Just Measures It

Florida ClearMath Secondary weaves assessment into every phase of instruction, so teachers can teach responsively and students grow with confidence.



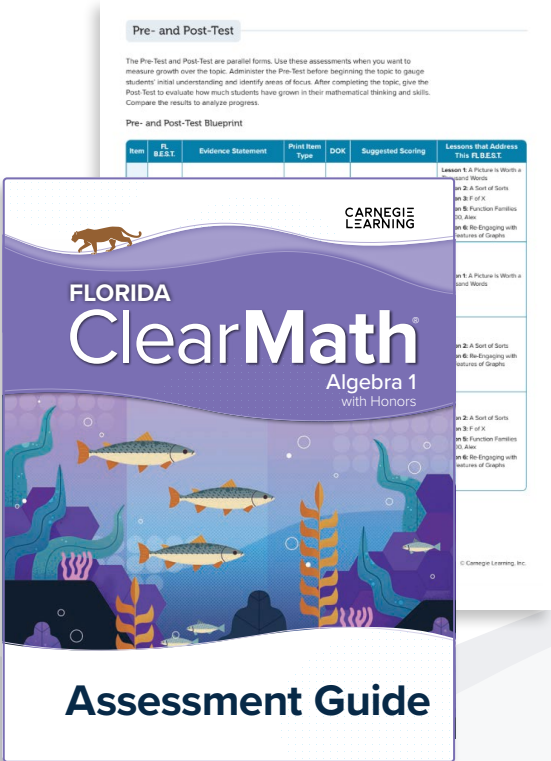
Assessment Types Aligned to Florida’s B.E.S.T. Standards

Assessment OF Learning	Assessment FOR Learning	Assessment AS Learning
Course-Level Assessments	ReadyCheck Assessments	Reflect Activities
End-of-Module Assessment	Quick Checks	I Can Statements
End-of-Topic Assessment	Purposeful Questions	MATHia Progress Trackers
Pre- and Post-Topic Assessment	Student Look-Fors	Learning Reflections
Course-Level Assessments	Ongoing Assessments embedded in the teacher facilitation notes	
Performance Task	MATHia Insights	

The Assessment Guide

Available in the Clear Learning Center, the Assessment Guide supports confident, data-informed instruction every step of the way. It’s designed to:

- Clarify the purpose of each assessment type
- Offer guidance and examples for how and when to use assessments
- Align with Florida B.E.S.T. Standards, which emphasize formative, summative, and meaningful assessment



Smarter Data for More Confident Teaching

Re-Engagement Lessons are built into the Florida ClearMath Secondary instructional model to ensure every student gets the support they need, exactly when they need it. These lessons prioritize time for personalized learning in MATHia, allowing students to revisit and master key concepts while teachers use real-time data to intervene with confidence.

Actionable Data at Your Fingertips

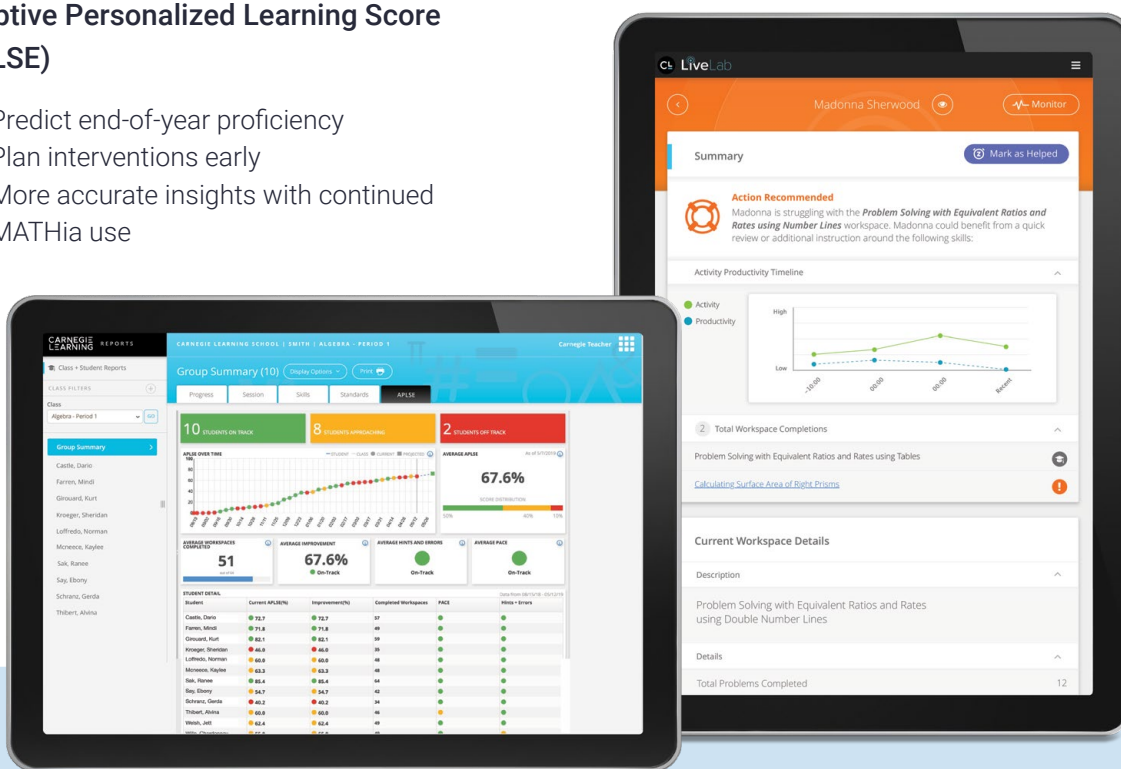
With MATHia and LiveLab, teachers never have to guess who's struggling or what to do next. Predictive analytics, live classroom data, and student-level insights help you make the most of every instructional minute.

▼ LiveLab Real-Time Classroom Dashboard

- See who's stuck and why
- Offer immediate support during Re-Engagement
- Target help where it's needed most

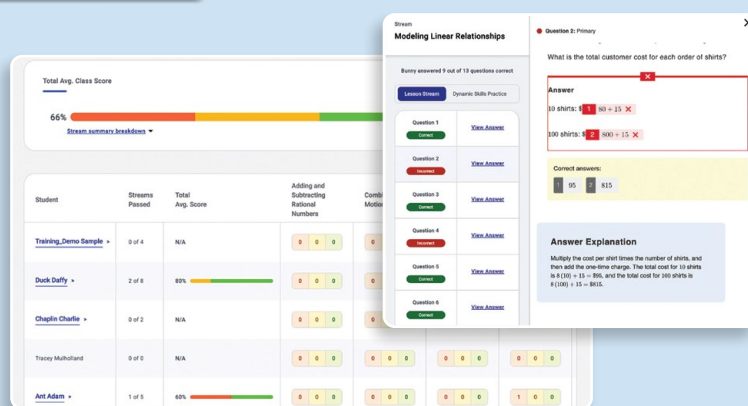
▼ Adaptive Personalized Learning Score (APLSE)

- Predict end-of-year proficiency
- Plan interventions early
- More accurate insights with continued MATHia use



MATHstream Adaptive Video Reinforcement

MATHstream's interactive videos offer students an engaging way to revisit key ideas or get additional support, on their own time or during targeted instruction.



Stop Searching, Start Teaching with the Clear Learning Center

The Clear Learning Center is your digital home base for Florida ClearMath Secondary. It brings planning tools, instructional resources, and data insights together, so you can focus more on teaching and less on tracking things down.

Plan

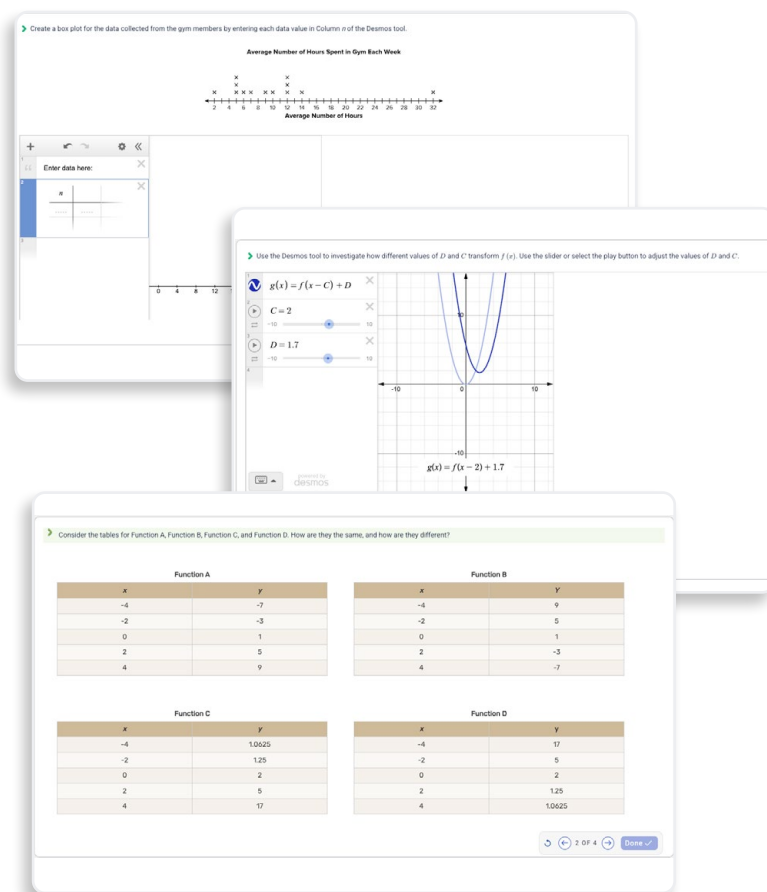
Everything you need to launch meaningful instruction is just a few clicks away.

- Search by keyword, standard, or lesson to quickly find the resources you need
- Access module and topic overviews that make the arc of math visible, connecting each lesson to the bigger progression
- Use daily lesson facilitation notes with pacing, purposeful questions, and embedded supports
- Preview MATHia Workspace activities to connect digital learning with classroom instruction
- Access leveled scaffolds and language supports to support English Language Learners

Engage

Empower students to explore, discuss, and apply mathematical ideas in meaningful ways

- Launch each lesson with Activate activities, often powered by Desmos™ tools, to spark curiosity and surface student thinking
- Deliver tasks through the Lesson Slides with interactive student tools and built-in teacher prompts to guide discussion and respond in real time
- Reinforce understanding with targeted, small-group re-engagement lessons
- Support every learner with personalized, just-in-time instruction, whether through MATHia's AI-driven adaptivity, targeted Skills Practice, or adaptive MATHstream video lessons



Assess

Assessment in Florida ClearMath Secondary is continuous, connected, and purposeful.

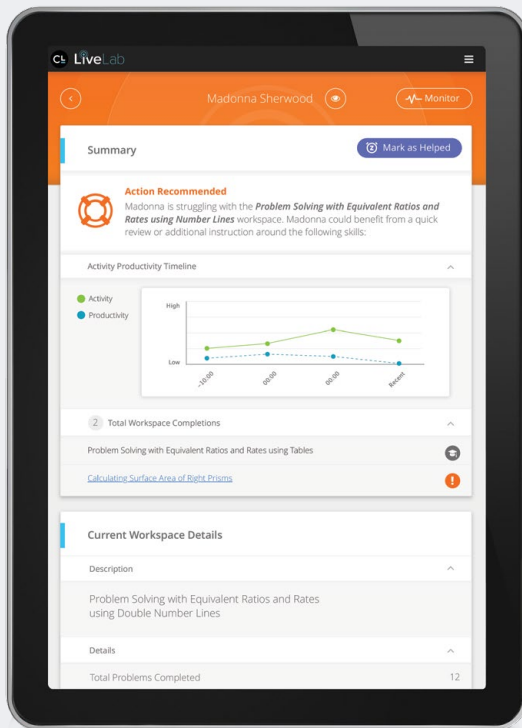
The Clear Learning Center helps you:

- Assign auto-scored assessments, from lesson-level Quick Checks to End-of-Module assessments
- Access rubrics and look-fors to support formative assessment during instruction
- Provide tech-enhanced practice that mirrors state test expectations

Use Data to Drive Decisions

Florida ClearMath Secondary puts teachers, not platforms, in the driver's seat.

- Analyze MATHia and assessment data to pinpoint individual and classwide needs
- Use LiveLab during Re-Engagement Lessons to respond to student progress in real time
- Take next steps with built-in instructional recommendations aligned to assessment results



	Total Average Score	MA.6.NSO.2.1	MA.6.NSO.2.2	MA.6.AR.3.5	MA.6.AR.2.4	MA.6.AR.2.3	MA.6.AR.2.2
Heath Atkins	86%	75%	90%	-	-	-	-
Dee Buchanan	81%	100%	80%	-	50%	-	-
Lynn Greer	0%	-	-	0%	-	-	-
Tracie Montoya	0%	-	-	-	-	-	-
Phillip Rodriguez	5%	0%	0%	-	-	42%	-
Mitchel Schultz	19%	-	-	-	-	-	2%

PROGRAM COMPONENTS

Teacher Resources

Teacher's Implementation Guide (TIG)

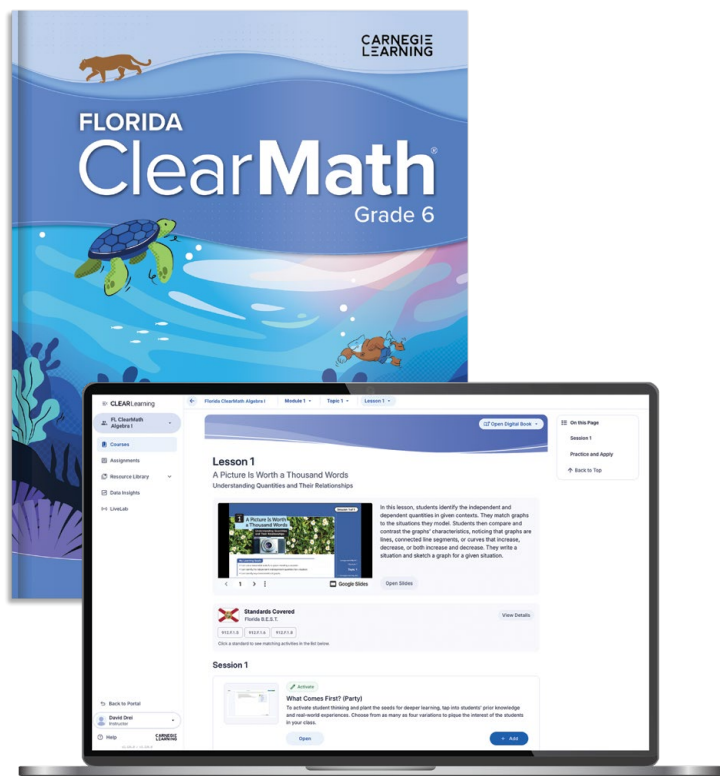
The TIG provides easy-to-implement resources for planning and point-of-use facilitation.

- Module and Topic Overviews
- Lesson Resources
- Step-by-step guidance to support facilitation and deepen understanding
- Differentiation Strategies aligned to UDL principles
- Common Misconceptions and Student Look-fors
- Purposeful Questions to Support Discourse
- English Language Learner support
- Introductory lesson to establish classroom culture
- Ongoing informal assessment support

Digital Resources

The Clear Learning Center provides access to planning and implementation support resources.

- Digital Teacher's Implementation Guide
 - Embedded videos to support implementation
 - Downloadable resources at point of use
- Lesson presentation slides
- English Language Learner Support Handbook
- Assessment Guide
- Mathematical Progressions and Connections
- Practice (PDF to download or assign digitally)
 - Skills Practice
 - Mixed Practice
- Assessments (PDF to download or assign digitally)
- Getting Ready
 - Topic Pre- and Post-Tests
 - End of Topic Tests
 - Standardized Test Questions
 - Performance Tasks
- Autoscoped Assignments and Assessments
 - ReadyCheck Assessments
 - Interactive Assignments
 - Interactive Skills Practice
 - Interactive Exit Tickets
 - Interactive End-of-Topic Assessments
- MATHia personalized instruction
- LiveLab real-time student data
- MATHstream* adaptive, interactive instructional videos
- Class and student-level reports
 - Adaptive Personalized Learning Score (APLSE) Report
 - Progress Report
 - Session Report
 - Skills Report
 - Standards Report



PROGRAM COMPONENTS

Student Resources[†]

MATHbook

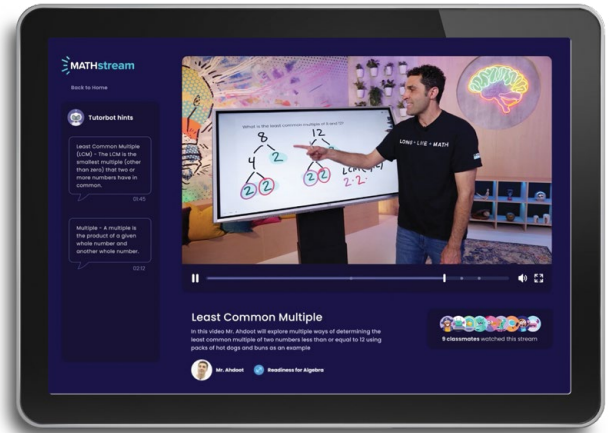
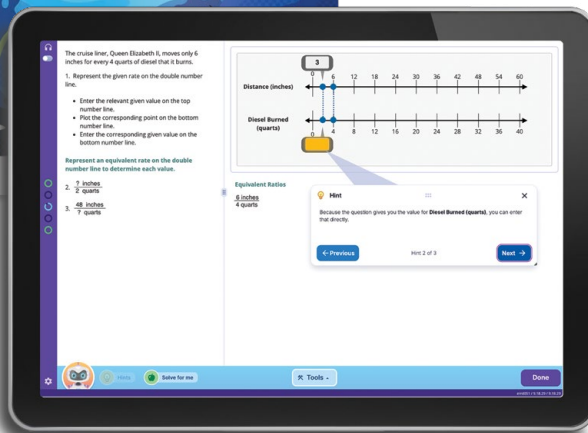
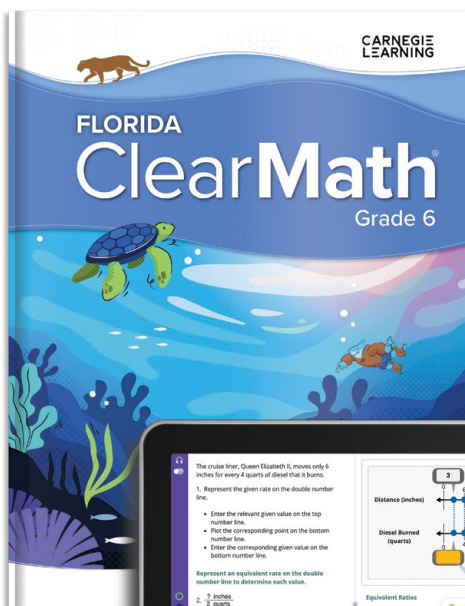
A consumable textbook for learning and self-reflection.

- Lessons activate prior knowledge
- Minds-on activities drive student ownership of learning
- Formative assessments allow students to demonstrate their understanding
- Assignments for practice
- Glossaries boost academic language and math terms

Digital Resources

The Clear Learning Center provides students and families with access to digital resources for learning, practice, and assessment.

- Interactive MATHbook
- Interactive Assignments
- Interactive Skills Practice
- Interactive Assessment
- MATHia: AI-driven, one-to-one online coaching software that adapts to meet individual student needs
 - Step-by-step instruction for concept development and skills mastery
 - On-demand hints support student agency
 - Just-in-time hints provide personalized information
- MATHstream*: Adaptive, interactive video streaming program where certified teachers deliver targeted instruction.
- Family Guides for each Topic

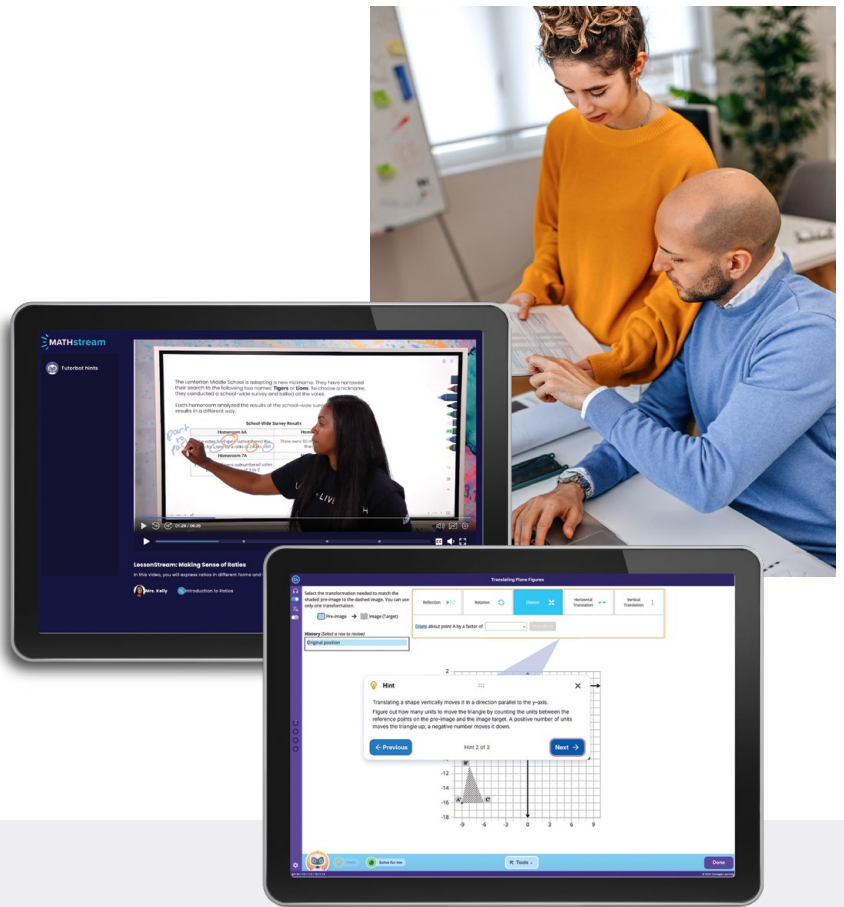


[†]Available in English and Spanish

^{*}MATHstream available as an add-on

We're All in on Math Education in Florida

Carnegie Learning provides supplemental math solutions and professional learning programs that work together to support teachers and help every student think, learn, and do their best.



Every Florida Student is a Math Person

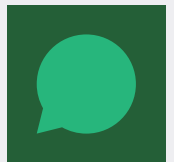
We've got over 25 years of experience as the leading provider of research-based math solutions—proven to deliver up to 2x performance improvement on standardized tests—and a team of cognitive and computer scientists who are dedicated to tirelessly finding new and better ways to support teachers and students.

That's how we know every Florida student is a math person.



Continue your exploration here:

www.carnegielearning.com/florida/math/secondary ▶



**CARNEGIE
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