



KIDDOM



Illustrative[®]
Mathematics
LEARN MATH FOR LIFE

Kiddom Florida Math IMET Reviewer Checklist

Who is Kiddom?

Kiddom is the coherent instructional system for schools, and the creator of Learning Intelligence Technology (LIT), a new category that connects high-quality instructional materials, assessment, data, and intervention into one teacher-first experience built on a single instructional model. Grounded in a closed, curriculum-bound system, Kiddom helps districts deliver core instruction with fidelity and act on student understanding in the moment. District leaders see what's working. Teachers plan, instruct, and assess in one place. Students get the right instruction at the right time. Curriculum does what it was always meant to do.

What is Kiddom Florida Math?

Kiddom Florida Math is a math curriculum built to Florida B.E.S.T. Standards, the Math Thinking and Reasoning Standards (MTRs), and the Big M. It provides ready-to-use, problem-based lessons, assessments, and digital tools that support deep learning and help every student make sense of math.

Below is a quick overview of Kiddom's features and how they align to Florida's B.E.S.T. Standards, MTRs, and district priorities for strong, standards-aligned math instruction.

Use this checklist as a guide for where Kiddom **meets expectations** in ensuring instructional materials are grade-appropriate, of good quality and content, and aligned to applicable B.E.S.T. Standards for Math.

1. Standards-aligned materials

Materials must be clearly and completely aligned to grade and course level B.E.S.T. benchmarks (to include the MTRs, benchmark clarifications, examples, and information from appendices).

- ✓ **Materials engage students and teachers** in grade-level or course-level mathematics, with the majority of instructional time devoted to the emphasized content outlined in the Florida B.E.S.T. Standards.

Kiddom Florida Math keeps instruction centered on grade-level B.E.S.T. Standards through a coherent scope and sequence. Grade-level Standards Correlations connect lessons directly to specific benchmarks, while units and lessons build intentionally across the year. A consistent Warm-Up, Instructional Activities, Lesson Synthesis, and Cool-Down structure keeps students working on grade-level concepts, procedures, applications, and mathematical reasoning each day.

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- ✓ **Materials provide explicit vertical and horizontal alignment** by connecting benchmarks within and across grade levels to build mathematical understanding.

Kiddom Florida Math builds mathematical understanding through intentional progressions within and across grades. Concepts build on prior learning and prepare students for what comes next, while unit dependencies and the year-long scope and sequence make connections across units and grade levels clear.

- ✓ **Materials include rigorous mathematical tasks** that promote mathematical reasoning, problem solving, and real-world application.

Kiddom Florida Math's problem-based design places rigorous mathematical tasks at the center of instruction. Instructional activities move through a Launch, Student Work Time, and Activity Synthesis to build reasoning and problem-solving skills, while authentic contexts and mathematical modeling connect learning to real-world applications. Students routinely notice, wonder, estimate, explain, and revise their mathematical thinking.

- ✓ **Materials develop fluency through the three hierarchical stages** of Exploration, Procedural Reliability, and Procedural Fluency, leading to automaticity with basic arithmetic facts.

Kiddom Florida Math develops fluency through Florida's three stages of learning: Exploration, Procedural Reliability, and Procedural Fluency. Students build conceptual understanding through concrete examples, visual models, exploratory tasks, and discussion, then strengthen procedures through purposeful practice and fluency activities. Targeted practice with fundamental skills, including arithmetic facts, builds the accuracy and automaticity students need for higher-level problem solving.

- ✓ **Materials provide multiple opportunities for students to develop conceptual understanding** using a variety of mathematical representations and selecting efficient and appropriate strategies aligned to grade-level B.E.S.T. benchmarks.

The problem-based design uses a concrete-representational-abstract approach to build conceptual understanding. Students work with multiple mathematical representations, including manipulatives, diagrams, drawings, and other visual models that bridge concrete exploration and abstract thinking. During Student Work Time and Activity Synthesis, students compare, select, and refine efficient and appropriate strategies aligned to grade-level B.E.S.T. benchmarks.

- ✓ **Materials intentionally incorporate the Mathematical Thinking and Reasoning Standards (MTRs)** by engaging students in inquiry, exploration, discourse, and collaborative problem solving.

The MTRs are embedded throughout instruction. Each Warm-Up routine connects to specific MTR standards, such as Notice and Wonder to MTR.1 and Number Talk to MTR.3 and MTR.5. Inquiry, discourse, and collaboration are central to the problem-based approach, with the 5 Practices guiding teachers to anticipate, monitor, select, sequence, and connect student thinking during mathematical discussions.

- ✓ **Materials include digital learning experiences** that allow students to practice Florida B.E.S.T.-aligned questions in formats similar to the FAST and EOC assessments.

Kiddom Florida Math gives students practice demonstrating their understanding across a range of digital assessment formats, including question types similar to those used on Florida's FAST assessments. Kiddom supports 15 question types, including multiple choice, multiple select, drag and drop, fill in the blank, matching, ordering, short answer, open-ended, graphing, written response, and drawing. Most can be automatically graded, giving teachers timely feedback on student understanding.

2. Instruction, questioning, and student tasks

Instruction, questioning, and student tasks are aligned to Florida's B.E.S.T. Standards for Math, including the K-12 Math Expectations and specific clarifications for each grade-level or course-level benchmark as appropriate in the strands of Number Sense and Operation, Fractions, Algebraic Reasoning, Functions, Financial Literacy, Measurement, Geometric Reasoning, Trigonometry, Data Analysis and Probability, Logic and Theory, Calculus, and the Mathematical Thinking and Reasoning Standards (MTRs).

- ✓ **Materials embed all of the Mathematical Thinking and Reasoning Standards (MTRs) throughout instruction by providing opportunities for students to promote deeper learning and understanding of mathematics.**

The MTRs are embedded throughout instruction. Teacher Course Overviews connect the Mathematical Thinking and Reasoning Standards to student-facing learning targets, while Warm-Up routines and instructional activities give students regular opportunities to apply them. The problem-based approach builds mathematical reasoning through inquiry, discourse, collaboration, and student sense-making.

- ✓ **Materials provide clear instructional guidance for lesson implementation, including learning objectives, instructional routines, questioning strategies, FAST/EOC style questions, spiral review, and teacher supports.**

Every lesson follows a consistent Warm-Up, Instructional Activities, Lesson Synthesis, and Cool-Down structure, with teacher-facing learning goals and student-facing learning targets. Lesson, Unit, and Activity Narratives provide guidance for implementation and questioning. Practice

opportunities intentionally revisit prior learning, with spiral review built into sections in Grades 3–5 and Practice Problems in Grade 6 and Grade 6 Accelerated. Atlas can provide additional differentiated Spiral Review based on student needs. Digital assessments offer varied question types similar to those students encounter on Florida assessments.

- ✓ **Materials support conceptual understanding by explicitly connecting mathematical concepts within the grade level and across grade levels.**

Kiddom Florida Math builds conceptual understanding by explicitly connecting mathematical ideas within and across grades. The Coherent Progressions design connects each activity and lesson to prior and upcoming grade-level work, building understanding across units and grade levels. Lesson Synthesis and Activity Synthesis help students consolidate new learning and connect it to prior understanding, while multiple representations and manipulatives connect concrete experiences to abstract mathematical ideas.

- ✓ **Materials include rigorous mathematical tasks with multiple entry points that promote reasoning, problem solving, and meaningful real-world application.**

Rigorous problem-based tasks provide multiple entry points into grade-level mathematics. The Launch invites every student into the context, while Student Work Time provides opportunities to work individually, with a partner, or in small groups. Students routinely notice, wonder, estimate, and revise their thinking. Authentic contexts and unit-culminating modeling lessons give students opportunities to reason, solve problems, and apply mathematics to meaningful real-world situations.

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- ✓ **Materials provide instructional supports for acceleration, intervention, and MTSS through differentiated learning opportunities and targeted instructional resources.**

Kiddom Florida Math provides differentiated support for acceleration, intervention, and MTSS. Atlas uses Custom Cool-Down evidence to identify misconceptions, recommend dynamic groups based on needs such as shared misconceptions, spiral review, or extension, and prepare differentiated Do-Nows for next-day instruction. Teachers can adjust groups and create additional activities based on student needs. Diagnostic Assessments and Advancing Student Thinking provide additional just-in-time support for prerequisite skills and unfinished learning.

- ✓ **Practice opportunities are purposeful, appropriately sequenced, and sufficient to develop conceptual understanding, procedural fluency, application, and mathematical reasoning through error analysis.**

Practice is purposeful and intentionally sequenced to build conceptual understanding, procedural fluency, application, and mathematical reasoning. Warm-Ups strengthen number sense and procedural fluency, while Practice Problems and the Practice Problem Generator provide additional opportunities for purposeful practice. MLR instructional routines explicitly build error analysis into daily practice. Cool-Downs surface student understanding and misconceptions, and Atlas uses this evidence to provide next-day practice based on shared misconceptions, spiral review, individual work, or acceleration and extension. End-of-Unit Assessment items include distractors based on common student errors, giving teachers additional insight into student thinking.

- ✓ **Assessments provide instructional guidance to support differentiation, scaffolding, and next instructional steps.**

Cool-Downs show what students understand and where they may need additional support. Atlas Custom Cool-Downs identify misconceptions and inform differentiated Do-Nows and dynamic groups for next-day instruction based on shared misconceptions, spiral review, individual work, or acceleration and extension. Class Insights and Student Insights help teachers see classwide and individual needs and determine next steps, while teachers retain control to adjust groups and activities. Standards Mastery Reports track mastery over time and allow teachers to sort and group students by performance, providing additional evidence to guide scaffolding and intervention.

- ✓ **Digital progress monitoring tools are aligned to the Florida B.E.S.T. Standards and provide actionable data to support differentiation and instructional planning.**

Standards Mastery Reports show standard-specific class and individual student performance over time, tied directly to correlated B.E.S.T. benchmarks, providing actionable data for differentiation and instructional planning. Atlas Class Insights shows classwide performance, misconceptions, and dynamic groups. Student Insights shows individual strengths, misconceptions, and grouping rationale, helping teachers identify learning needs and plan targeted next instructional steps.



3. Student learning

Vision for Excellent Instruction- Access for all Students

- ✓ **Materials include rigorous grade-level tasks that provide all students access to grade-level B.E.S.T. Standards.**

Rigorous tasks give all students access to grade-level B.E.S.T. Standards. The problem-based design keeps students working on grade-level mathematics, with the Launch providing an entry point for each learner and embedded UDL supports and Mathematical Language Routines providing access without lowering the mathematical demand. These lesson-specific supports give students multiple ways to engage with rigorous mathematics and demonstrate their understanding.

- ✓ **Materials provide coherent learning experiences that intentionally build conceptual understanding through connected mathematical ideas and relationships.**

Coherent learning experiences intentionally build conceptual understanding through connected mathematical ideas and relationships. The Coherent Progressions design connects each activity and lesson to prior and upcoming grade-level work along research-based learning trajectories, building understanding across units and grade levels. Multiple representations and manipulatives connect concrete experiences to abstract ideas, while Lesson Synthesis and Activity Synthesis help students make those connections explicit.

- ✓ **Materials provide opportunities for students to self-monitor and reach grade level content.**

Student- and parent-facing learning reports give students visibility into their grades and growth over time, while Cool-Downs and exit tickets support in-the-moment self-checking. The Kiddom Student Experience gives students a dedicated view of their own mastery progress, including where they fall on the mastery scale, so they can track their learning directly.

- ✓ **Materials provide multiple opportunities for students to apply mathematics to authentic real-world contexts and problem-solving situations.**

Authentic real-world contexts and problem-solving opportunities are built throughout Kiddom Florida Math. Authentic Use of Contexts and Suggested Launch Adaptations connect lessons to students' own experiences, while instructional activities regularly ask students to apply mathematics to open-ended, real-world problems. Each unit culminates in a modeling lesson that gives students an additional opportunity to use mathematics to solve meaningful problems.

- ✓ **Materials include instructional strategies, manipulatives, scaffolds, and enrichment opportunities that support the learning needs of all students.**

Kiddom Florida Math provides instructional strategies, manipulatives, scaffolds, and enrichment opportunities to support different learning needs. Embedded UDL supports and Mathematical Language Routines provide access without reducing rigor, while virtual and physical manipulatives, Centers Kits (K–5), and Manipulative Kits support hands-on learning. Atlas uses student learning evidence to recommend differentiated groups and activities based on shared misconceptions, spiral review, individual work, or acceleration and extension. Teachers retain control to adjust groups and activities based on student needs.

- ✓ **Materials meet BPS technology requirements and support multiple instructional modalities, including digital, blended, and remote learning environments.**

Materials support multiple instructional modalities, including digital, blended, remote, print, and hands-on learning. Kiddom Florida Math provides digital curriculum alongside Teacher Editions, Student Workbooks, Course Guides, Manipulative Kits for all grades, and Centers Kits for K–5. Digital tools and Home Learning resources extend these options to blended and remote environments.

4. Universal Design for Learning (UDL)

UDL is evident in terms of providing accessibility points in core (Tier 1) instruction to all students, including those barriers identified in an ELL Plan, EP, IEP, or 504 Plan.

- ✓ **Materials provide all students with multiple, accessible opportunities to engage with grade-level B.E.S.T. Standards through evidence-based instructional support, including multi-sensory strategies when appropriate.**

UDL is designed into core (Tier 1) instruction. The K–5 Teacher Course Overview includes a dedicated Universal Design for Learning and Additional Support for Students section, while embedded UDL supports and multiple, accessible representations provide evidence-based access to grade-level B.E.S.T. Standards without reducing the mathematical demand of the task. Multi-sensory opportunities include physical and virtual manipulatives, drawings, diagrams, visual representations, and multiple ways for students to demonstrate their mathematical thinking.

- ✓ **Materials include embedded scaffolds, differentiation, intervention, and enrichment support to meet the needs of diverse learners within Tier 1 instruction.**

Scaffolds, differentiation, intervention, and enrichment support diverse learners within Tier 1 instruction. Lessons include UDL supports and Mathematical Language Routines, while activity narratives provide language supports and scaffolding guidance. Atlas uses Custom Cool-Down evidence to recommend differentiated groups and activities based on shared misconceptions, spiral review, individual work, or acceleration and extension. Teachers retain control to adjust groups and create additional activities based on student needs.

- ✓ **Materials identify academic language demands and provide instructional supports for English Learners at varying levels of English language proficiency.**

Academic language demands are explicitly identified and supported for English Learners at varying levels of English language proficiency. Embedded Mathematical Language Routines, such as MLR1 Stronger and Clearer Each Time, provide structured opportunities for students to develop mathematical language while maintaining the mathematical demands of the task. Sentence Frames and Spanish Cognate Toolkits provide additional language support, while Bilingual Mode gives teachers and students access to digital course content in English and Spanish. Spanish Teacher Editions and Student Workbooks are also available. For students and families who use other languages, teachers can use Kiddom Assistant to translate instructional content and communications into additional languages.

- ✓ **Materials include extensions and advanced learning opportunities aligned to grade-level B.E.S.T. Standards for students who demonstrate readiness for enrichment.**

Kiddom Florida Math provides extensions and advanced learning opportunities for students ready for additional challenge. Instructional activities include “Are You Ready for More?” extensions that deepen learning while remaining connected to grade-level B.E.S.T. Standards. Atlas uses student learning evidence to recommend differentiated groups and activities, including acceleration and extension opportunities. Teachers can adjust groups or create additional activities based on student readiness.

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- ✔ **Materials meet BPS technology requirements and support multiple instructional modalities, including digital, blended, and remote learning environments.**

Materials support multiple instructional modalities, including digital, blended, remote, print, and hands-on learning. Kiddom Florida Math provides digital curriculum alongside Teacher Editions, Student Workbooks, Course Guides, Manipulative Kits for all grades, and Centers Kits for K–5. Digital tools, virtual manipulatives, and Home Learning resources extend these options across classroom, blended, and remote learning environments.

5. Usability for teachers

- ✔ **Materials include embedded professional learning that supports effective instructional delivery, implementation of the Florida B.E.S.T. Standards, academic language and the B.E.S.T. appendices.**

Kiddom Florida Math provides embedded professional learning to support effective instruction and implementation of the Florida B.E.S.T. Standards. The K–5 Teacher Course Overview and professional learning slide decks with speaker notes provide guidance on problem-based instruction, MTRs, Mathematical Language Routines (MLRs), academic language, and effective instructional practices. Unit, lesson, and activity narratives provide additional guidance within the curriculum, supported by Kiddom onboarding and ongoing professional learning.

- ✔ **Materials provide a realistic and flexible pacing guide that can be implemented within a typical school year.**

Kiddom Florida Math provides a realistic, flexible pacing guide designed for implementation within a typical school year. Course Guides include the year’s scope and sequence and show dependencies between units, helping teachers plan instruction across the year. Teachers also have flexibility to adjust pacing based on the needs of their class.

- ✔ **Materials provide instructional guidance for implementation in whole group and small group learning settings using grade-level tasks.**

Kiddom Florida Math provides instructional guidance for whole-group and small-group learning using grade-level tasks. Instructional activities include guidance for grouping students, while Student Work Time supports individual, partner, and small-group configurations. The 5 Practices guide teachers in facilitating whole-group mathematical discussions, and Atlas uses student learning evidence to recommend dynamic groups for targeted small-group instruction. Teachers retain control to adjust groups based on student needs.

- ✔ **Materials include teacher resources such as rubrics, learning scales, success criteria, or progress-monitoring resources, to support student self monitoring and goal setting.**

Teacher resources support student self-monitoring and goal setting. Teacher-facing learning goals and student-facing learning targets are provided for every lesson, while Cool-Downs and reporting provide success criteria and progress-monitoring evidence. Kiddom reports and dashboards give teachers visibility into student progress to guide instruction and support student goal setting.

- ✔ **Materials include student resources such as rubrics, learning scales, success criteria, or progress-monitoring resources, to support student self monitoring and goal setting.**

Student resources support self-monitoring and goal setting. Student-facing learning targets, framed as “Let’s...” statements, appear at the start of each lesson and give students a clear understanding of what they are working toward. Show Your Work tools, including digital manipulatives, drawing tools, and video responses, give students multiple ways to demonstrate and reflect on their thinking. In the Kiddom Student Experience, a student-facing mastery scale shows progress toward standards mastery, helping students track their learning and set goals over time.

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- ✓ **Materials provide opportunities for sustained mathematical inquiry, reasoning, and problem solving that promote student curiosity and conceptual understanding.**

Sustained mathematical inquiry, reasoning, and problem solving are central to Kiddom Florida Math. Built on the beliefs that students learn math by doing math and that classrooms are communities of learners, the problem-based design engages students in inquiry, discourse, and productive struggle to build curiosity and conceptual understanding. Warm-Up routines such as Notice and Wonder and estimation, along with Instructional Activities, give students regular opportunities to reason, explore, and solve problems.

- ✓ **Instructional resources are organized, easy to navigate, and manageable for teachers to implement effectively.**

Instructional resources are organized to make planning and implementation manageable for teachers. The Kiddom platform presents lessons in a consistent structure, while Course Guides orient teachers to lesson flow, unit dependencies, and the year's scope and sequence. Kiddom Assistant provides in-context, lesson-specific answers, and Lesson Clipper and the Practice Problem Generator streamline preparation. A consistent Warm-Up, Instructional Activities, Lesson Synthesis, and Cool-Down structure makes lessons easy to navigate and supports day-to-day planning and delivery.

- ✓ **Materials provide instructional guidance and resources to support effective implementation in virtual and blended learning environments.**

Instructional guidance and resources support effective implementation in virtual and blended learning environments. Kiddom provides the full curriculum digitally, with tools such as virtual manipulatives, video responses, and self-grading assessments to support online instruction. Home Learning resources extend learning to remote settings, while integrations with Canvas and Clever/ClassLink support blended implementation.

- ✓ **Materials include instructional components that support the implementation of accelerated B.E.S.T. Standards in Grades 3, 4, 6, and 7.**

Kiddom Florida Math supports implementation of accelerated B.E.S.T. Standards in Grades 3, 4, 6, and 7. Dedicated Grade 6 Accelerated and Grade 7 Accelerated courses provide accelerated pathways for Grades 6 and 7. For Grades 3 and 4, Kiddom can provide instructional support materials, including crosswalks and standards correlations, to support implementation of the accelerated B.E.S.T. Standards.

6. Assessment

- ✓ **Assessments are aligned to the depth and rigor of grade-level B.E.S.T. benchmarks and standards.**

Assessments are aligned to the depth and rigor of grade-level B.E.S.T. benchmarks and standards. Assessment guidance is organized around standards-aligned unit learning goals and addresses all three aspects of rigor: conceptual understanding, procedural skill and fluency, and application. Assessment items target the same B.E.S.T. benchmarks and MTRs addressed in instruction, with standards and Achievement Level Descriptions (ALDs) tagged to items for teacher reference.

- ✓ **Assessments provide multiple opportunities to monitor student learning throughout the grade, course, and/or series.**

Assessments provide multiple opportunities to monitor student learning throughout the grade and course. Progress toward mastery is assessed at the lesson, section, unit, and end-of-course levels through both formative and summative measures. Warm-Ups and daily Cool-Downs provide ongoing checks for understanding, while unit and end-of-course assessments monitor cumulative learning and progress over time.

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- ✔ **Digital self-grading formative assessments are available** to support quick checks for understanding.

Digital self-grading formative assessments provide quick checks for understanding. Cool-Downs can be delivered digitally and auto-scored, giving teachers timely evidence of student understanding and misconceptions. The Practice Problem Generator also provides automatic feedback on student responses, giving teachers additional opportunities to quickly check understanding.

- ✔ **Assessments provide multiple opportunities to monitor student progress in foundational mathematics skills throughout the grade, course, and/or series.**

Multiple opportunities to monitor progress in foundational mathematics skills are provided throughout the grade and course. Fluency-focused Warm-Ups, such as Number Talk and Choral Count, provide ongoing checks of foundational skills. Diagnostic Assessments identify prerequisite and foundational-skill gaps and provide just-in-time support strategies, giving teachers additional evidence to monitor progress and address unfinished learning.

- ✔ **Materials include a comprehensive system of diagnostic, screening, formative, and summative assessments to support instructional decision making before, during, and after instruction.**

Materials include a comprehensive assessment system spanning diagnostic, screening, formative, and summative types across before, during, and after instruction. Pre-unit diagnostic checks, daily formative Cool-Downs, and section, unit, and end-of-course summative assessments support instructional decision-making, and Kiddom AI adds diagnostic and predictive screening to identify needs before instruction.

- ✔ **Assessment reports provide benchmark-aligned data** that accurately reflects student performance and supports instructional decision making at the student, classroom, school, and district levels.

Assessment reports provide benchmark-aligned data that reflects student performance and supports instructional decision-making. District, School, Classroom, and Student reports provide filterable, exportable views of performance, with the ability to drill down to individual standards, benchmarks, and assessment items. These reports help educators identify patterns in student understanding and determine instructional next steps. Atlas provides additional class-level insights and recommendations based on student learning evidence.

- ✔ **Assessment formats align with the item types, technology-enhanced features, and testing experience of Florida's FAST and EOC assessments and can be updated to reflect future assessment changes.**

Assessment formats align with the item types, technology-enhanced features, and testing experience students encounter on Florida's FAST and EOC assessments. Digital self-grading assessments and Show Your Work tools give students experience with a range of technology-enhanced response formats. Because assessments are delivered through Kiddom's digital platform, they can be updated to reflect future changes to Florida assessment formats and requirements.