



KIDDOM



Illustrative<sup>®</sup>  
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.

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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.

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## 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- and course-level B.E.S.T. Standards through a coherent scope and sequence. Standards Correlations connect lessons directly to specific benchmarks, while units and lessons build intentionally across each course. A consistent Warm-Up, Instructional Activities, Lesson Synthesis, and Cool-Down structure keeps students working on grade- and course-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 Grade 7, Grade 7 Accelerated, Grade 8, and Algebra 1. Within each course, units and lessons build on prior learning and prepare students for what comes next, with unit dependencies making connections across the course clear. Mathematical progressions connect proportional relationships in Grade 7 to linear relationships in Grade 8 and quadratic functions in Algebra 1, while Grade 7 Accelerated provides a coherent accelerated pathway across grade-level content.*

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

*Kiddom Florida Math centers instruction on rigorous, problem-based mathematical tasks in which students reason, represent, model, solve problems, and explain their thinking. Instructional activities move through a Launch, Student Work Time, and Activity Synthesis, allowing students to develop and compare strategies before synthesizing the mathematical goal. Course tasks apply mathematics in meaningful contexts, including proportional relationships, linear relationships, financial applications, and functions.*

- ✓ **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 a progression that mirrors Florida's three stages of learning: Exploration, Procedural Reliability, and Procedural Fluency. Students first explore concepts through concrete examples, visual models, mathematical tasks, and discussion, then refine procedures through practice and*

*instructional routines until skills become reliable and generalizable, and ultimately develop efficient, fluent use. Targeted practice with fundamental skills, including arithmetic facts, supports the automaticity and accuracy students need for higher-level mathematical 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.

*Kiddom Florida Math builds conceptual understanding through multiple mathematical representations and connections among them. Students reason with diagrams, tables, graphs, equations, visual models, and other course-appropriate representations, progressing toward increasingly abstract mathematical understanding. During Activity and Lesson Syntheses, students compare approaches and refine their thinking to select efficient and appropriate strategies aligned to grade- and course-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 through inquiry, exploration, discourse, and collaborative problem solving. The Grades 6–12 Teacher Course Overview identifies specific lessons and activities where each MTR can be observed and explains how instructional routines connect to the MTRs. Standards Correlations further connect lessons to specific MTRs, including MTR.2.1 and MTR.4.1 in Algebra 1 and all seven MTR standards in Grade 8. Warm-Ups spark discussion, teachers circulate and question during activities, and Syntheses reinforce intentional mathematical discourse.*

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- ✓ **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 provides digital learning experiences with varied assessment formats and technology-enhanced question types that give students practice demonstrating their understanding in formats similar to Florida's FAST assessments. The digital platform supports 15 question types, including all types found on the FAST assessment, helping students build familiarity with Florida's high-stakes assessment expectations. The coherent unit progression and distributed practice built into Warm-Ups, Practice Problems, Checkpoints, and End-of-Unit Assessments give students repeated exposure to these formats throughout the year, supporting readiness for FAST and EOC assessments.*

## 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, giving students repeated opportunities to deepen their mathematical understanding. Warm-Ups, Instructional Activities, Syntheses, and Cool-Downs engage students in problem solving,*

*mathematical discourse, multiple representations, and reflection on their thinking. Standards Correlations document how the MTRs are addressed throughout each course, including all seven MTR standards in Grade 8.*

- ✓ **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 provides clear guidance for implementation through learning objectives and a consistent Warm-Up, one to two Activities, Lesson Synthesis, and Cool-Down structure. Units include Diagnostic Assessments, Practice Problems, Checkpoints, and End-of-Unit Assessments. Ready-to-teach Lesson Presentations, the Teacher Course Overview, and Kiddom Assistant provide questioning guidance, instructional routines, and additional teacher support. Distributed practice revisits key concepts and procedures throughout the course, while varied assessment formats build student familiarity with FAST and EOC expectations. Spiral review is incorporated within unit sections and each lesson's Practice Problems, and Atlas provides an additional Spiral Review option for differentiated daily practice based on student needs.*

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

*Kiddom Florida Math's IM-based design explicitly connects mathematical concepts within units, between units, and across prior and subsequent learning. Lessons build on one another within a unit, while units are sequenced so later concepts depend on earlier ones. These connections include additive reasoning to multiplicative reasoning and arrays to area. The curriculum's coherent design also links each course to the mathematics that precedes and follows it, supporting conceptual understanding within and across grade levels.*

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

*Rigorous, grade- and course-level problem-based tasks provide multiple entry points into the same mathematical demand. Multiple representations, embedded UDL supports, and lesson-specific scaffolds allow students to approach problems through varied strategies and tools without reducing the rigor of the task. Students reason, compare approaches, and solve problems throughout instructional activities, while meaningful real-world contexts give them opportunities to apply mathematics to authentic situations.*

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

*Kiddom Florida Math provides instructional supports for acceleration, intervention, and MTSS through differentiated learning opportunities and targeted resources. The dedicated Grade 7 Accelerated course compresses and sequences grade-level standards into a coherent accelerated pathway. Advancing Student Thinking provides just-in-time intervention within grade-level lessons, while Next-Day Support and Prior-Unit Support give teachers targeted resources to address unfinished learning so students can continue working with grade- and course-level mathematics rather than being removed from it. Diagnostic Assessments and ongoing assessment evidence identify prerequisite needs and inform these next steps.*

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

*Practice Problems provide purposeful, intentionally sequenced practice that builds conceptual understanding, procedural fluency,*

*application, and mathematical reasoning across each unit. MLR3 “Critique, Correct, Clarify” explicitly builds error analysis into daily practice, while End-of-Unit Assessment items include distractors based on common student errors, giving teachers additional insight into student thinking. 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, supporting analysis of errors and continued learning.*

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

*Cool-Downs provide in-the-moment evidence of student understanding and inform Next-Day Support and Prior-Unit Support, helping teachers address unfinished learning and plan next instructional steps. 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. Standards Mastery Reports track class and student mastery over time and allow teachers to sort and group students by performance, providing additional evidence to guide differentiation, 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 and providing actionable data for differentiation and instructional planning. Atlas Class Insights shows classwide performance, misconceptions, and dynamic groups, while Student Insights shows individual strengths, misconceptions, and grouping rationale. Together, these tools help 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.**

*Grade-level problem-based tasks are paired with embedded Universal Design for Learning supports and lesson-specific scaffolds that keep all students, including English Language Learners and students with IEPs, working on the same rigorous content rather than modified or lowered-demand tasks. Discourse supports, visual and translated resources, and real-time differentiation help students access and engage with the mathematics without reducing its rigor.*

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

*Coherent units, lessons, and learning progressions build conceptual understanding by connecting related mathematical ideas. Lessons build on prior learning and make connections among concepts as students develop increasingly sophisticated mathematical understanding within and across courses.*

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

*Students have multiple opportunities to monitor their own learning and progress. Student-facing learning reports allow students to review their grades and growth over time, including their mastery progress, while Cool-Downs and exit tickets provide opportunities to check their understanding during instruction. The dedicated student view gives learners direct visibility into their own mastery, including where they are developing toward mastery.*

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

*Students apply mathematics in real-world and authentic contexts throughout the courses. Grade 7 tasks include proportional relationships and scale drawings, Grade 8 tasks connect linear relationships and rates of change to meaningful contexts, and Algebra 1 includes application tasks aligned to MA.912.FL Financial Literacy benchmarks.*

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

*Grade 7, Grade 7 Accelerated, Grade 8, and Algebra 1 lessons embed instructional strategies, scaffolds, and extensions to address varied student learning needs. Mathematical representations, manipulatives, and tools support access to secondary mathematics, with additional instructional strategies for students with disabilities and English Language Learners. “Are You Ready for More?” tasks extend the mathematics for students ready to deepen their thinking.*

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

*Kiddom Florida Math supports digital, blended, and remote learning through a web-based platform where teachers and students can access course content, assignments, assessments, feedback, and instructional resources across supported devices. Print Teacher Editions and Student Workbooks provide additional flexibility for offline and blended instruction while maintaining the same coherent instructional sequence across learning 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.**

*Materials provide multiple accessible modalities, including captioned videos, images with alt tags, text-to-speech on selectable text, and both digital and print student workbook formats. Lessons also incorporate Warm-Ups, hands-on tasks, visual representations, and discussion routines, giving students multiple ways to access, explore, and communicate mathematical ideas.*

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

*Differentiation and intervention are embedded directly within Tier 1 instruction. Lessons include built-in scaffolds for students who need additional support, “Are You Ready for More?” extensions for enrichment, and differentiated practice through the Personalize tool. Advancing Student Thinking provides just-in-time intervention informed by Warm-Up and Cool-Down evidence, while Next-Day Support and Prior-Unit Support give teachers targeted resources to address unfinished learning without removing students from grade-level instruction.*

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

*IM-based lessons embed Math Language Routines, sentence frames, and other supports that help students develop academic language*

*while engaging in grade- and course-level mathematics. Spanish-language student materials, cognate supports, and browser-based translation provide additional language access. The Teacher Course Overview’s “Advancing Mathematical Language” guidance helps teachers differentiate these supports based on students’ language development stage, providing more targeted scaffolding as students develop proficiency.*

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

*Advanced and enrichment opportunities are available at both the course and lesson levels. Grade 7 Accelerated provides a dedicated accelerated pathway, while “Are You Ready for More?” prompts and open-ended tasks extend student thinking within lessons. The AI Practice Generator and Personalize tool can assign enrichment beyond grade level for students who demonstrate readiness.*

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

*Kiddom Florida Math supports digital, blended, and remote implementation through a web-based platform that gives teachers and students access to course content, assignments, assessments, feedback, and instructional resources across tablet, phone, and desktop devices. Print Teacher Editions and Student Workbooks provide additional flexibility for offline and blended implementation, while maintaining the same coherent instructional sequence and consistent curriculum access across in-person, 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.

*Each course includes a comprehensive Teacher Edition with point-of-use instructional notes, B.E.S.T. Standards implementation guidance, academic-language routines, MTR guidance, and references to B.E.S.T. appendices. The Grades 6–12 Teacher Course Overview and accompanying video presentations provide additional professional learning and onboarding support for each course.*

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

*Each course includes a scope and sequence and pacing guide that organizes units and lessons into a manageable sequence designed to fit a typical Florida school year. The Grade 7 Accelerated course compresses and extends content across a single accelerated year. Kiddom’s digital assignment tools give teachers flexibility to adjust pacing and reassign work as needed while maintaining curricular coherence.*

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

*Kiddom Florida Math provides explicit guidance for implementing grade-level tasks in whole-group, partner, and small-group settings. Warm-Ups and lesson launches establish shared mathematical thinking, followed by problem-based activities where students work independently, with partners, or in small groups as teachers monitor, question, and support their reasoning. Activity and Lesson Syntheses bring students together for whole-group discussion to compare strategies, make connections, and consolidate grade-level mathematical understanding.*

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

*Teachers have access to standards-based rubrics and mastery scales through Kiddom’s grading and reporting system, which tracks student performance against specific B.E.S.T. benchmarks and provides progress-monitoring dashboards at the student, class, and standard levels. Teacher Editions include success criteria and learning goals for every lesson, giving teachers the information they need to help students set and monitor their own learning goals.*

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

*Students receive progress feedback directly through the Kiddom platform, including standards-based mastery reporting, assignment feedback, and self-paced practice. Student-facing learning targets, framed as “Let’s...,” appear at the start of each lesson, while student learning goals support self-assessment, review, and catching up after an absence. Show Your Work tools, including digital manipulatives, drawing tools, and video responses, give students multiple ways to demonstrate and reflect on their thinking. The student-facing mastery scale shows progress, such as “Developing,” so students can track their own standards mastery and set learning goals.*

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

*The program is built on Illustrative Mathematics’ problem-based design, engaging students in sustained inquiry through Warm-Ups, problem-based Activities, mathematical discourse through Math Language Routines, and Synthesis and Cool-Downs. Lessons prioritize reasoning and conceptual understanding before procedural fluency, while “Notice and Wonder” routines and open tasks encourage curiosity and exploration.*

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

*Kiddom provides a single, unified digital platform where course content is organized by unit and lesson with consistent structures that make implementation manageable. Teachers can access current course materials, Scope and Sequences, required materials, lesson plans, Practice Problems, Checkpoints, differentiation and MTSS supports, and End-of-Unit Assessments within the digital course. Lessons follow a predictable Warm-Up, Activities, Synthesis, and Cool-Down structure, supporting consistent planning and delivery.*

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

*Kiddom Florida Math provides instructional guidance and resources for effective virtual and blended learning through its digital platform, giving teachers and students access to the full curriculum and supporting flexible instructional delivery. Digital tools, lesson resources, assessments, feedback, and reporting can be used alongside print and hands-on materials. Teachers can also assign work for asynchronous learning or in-person use, allowing students and teachers to move between online, in-person, and blended instruction.*

- ✔ **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 includes a dedicated Grade 7 Accelerated course aligned to Florida's accelerated B.E.S.T. pathway. The course intentionally combines and sequences accelerated standards, providing advanced students with a coherent pathway into subsequent secondary mathematics.*

## 6. Assessment

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

*Assessments are correlated to specific grade- and course-level B.E.S.T. benchmarks and reflect a range of rigor, including conceptual understanding, procedural fluency, application, and mathematical reasoning, consistent with the IM design. Course-specific Standards Correlations map assessment items directly to B.E.S.T. benchmarks.*

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

*Kiddom Florida Math builds multiple monitoring points into each course, including Warm-Ups and activity observations during instruction, Cool-Downs at the close of each lesson, Practice Problems and Checkpoints within units, and End-of-Unit Assessments. Together, these provide repeated evidence of student learning before, during, and after instruction, helping teachers monitor progress throughout the grade, course, and series.*

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

*Kiddom Florida Math automatically scores objective and selected-response items in real time, giving teachers immediate formative data through Cool-Downs, exit tickets, and practice sets. Auto-scored results feed directly into standards-based mastery reporting, helping teachers quickly check for understanding and respond to student needs.*

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

*Atlas provides ongoing opportunities to monitor student progress in foundational and prerequisite mathematics skills throughout the course. Custom Cool-Downs assess current and prior knowledge and skills, identifying misconceptions that inform the next day's instruction. Atlas uses this evidence to create dynamic groups based on needs such as shared misconceptions, spiral review, individual work, and acceleration or extension. Class Insights show classwide performance and challenges, while Student Insights help teachers monitor individual strengths, misconceptions, progress over time, and grouping rationale to determine appropriate next instructional steps.*

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

*Kiddom Florida Math provides a comprehensive system of diagnostic, screening, formative, and summative assessments that supports instructional decision making before, during, and after instruction. Diagnostic Assessments identify students' prerequisite knowledge at the start of each unit, while Warm-Ups, activity observations, Checkpoints, and Practice Problems provide ongoing formative evidence throughout instruction. Cool-Downs gather daily evidence of student understanding, and End-of-Unit Assessments provide summative evidence of learning. Atlas supplements this system by analyzing Custom Cool-Downs for current and prior knowledge, identifying misconceptions and readiness needs, and using that evidence to recommend dynamic groups and differentiated next-day activities. Class and Student Insights provide classwide and individual performance information to inform teachers' subsequent instructional decisions.*

- ✔ **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.*

- ✔ **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.**

*Kiddom Florida Math assessment items include multiple choice, multiple response, short answer, restricted constructed response, and extended response, mirroring the item types and testing experience students encounter on Florida's FAST and EOC assessments. The Grades 6–12 Teacher Course Overview also provides guidance for FAST preparation, and content can be updated to reflect future assessment changes.*