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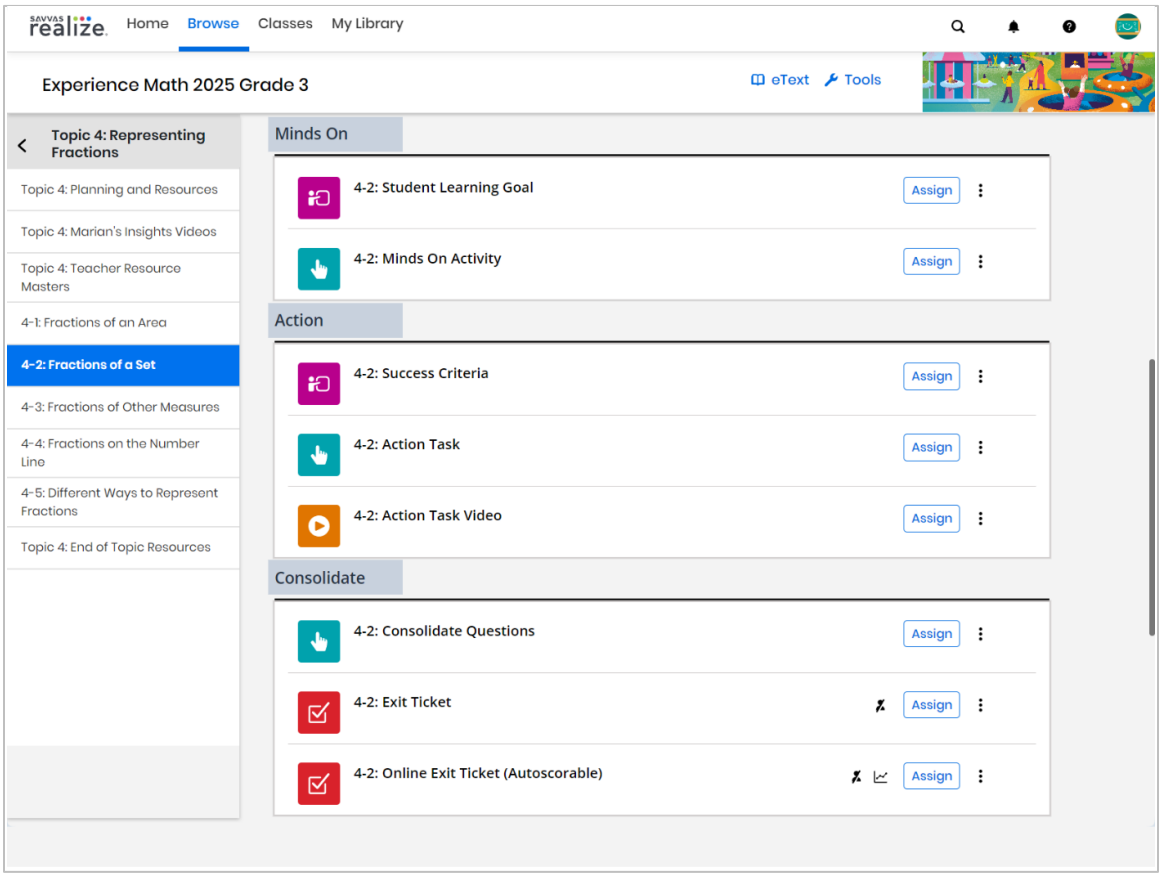
Teaching A Lesson

Introduction

Welcome, *Experience Math* teachers!

Thank you for wanting to learn more about teaching an *Experience Math* lesson. Let's look at the instructional design of the program and explore the lesson structure.

Instructional Design

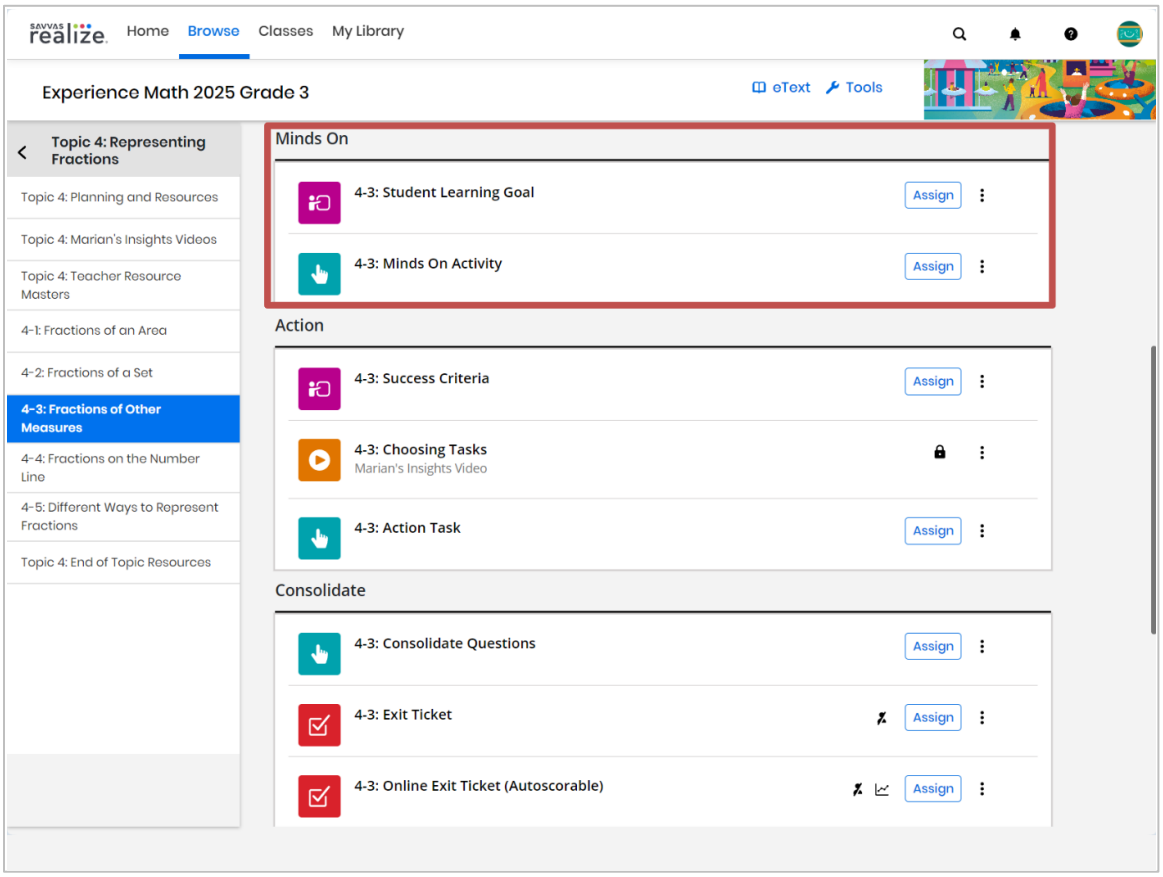


Each day, your students will experience the three-part lesson design as they build deep conceptual understanding, develop procedural fluency, and practice application skills.

This design activates prior knowledge, promotes hands-on exploration, and builds a math community. Minds On, Action, and Consolidate ensure every student enters the mathematics from where they are and build towards the Learning Goal.

These organized and cohesive lessons provide a consistent routine and feature instructional strategies, sample solutions, and professional learning support. Let's learn more…

Minds On



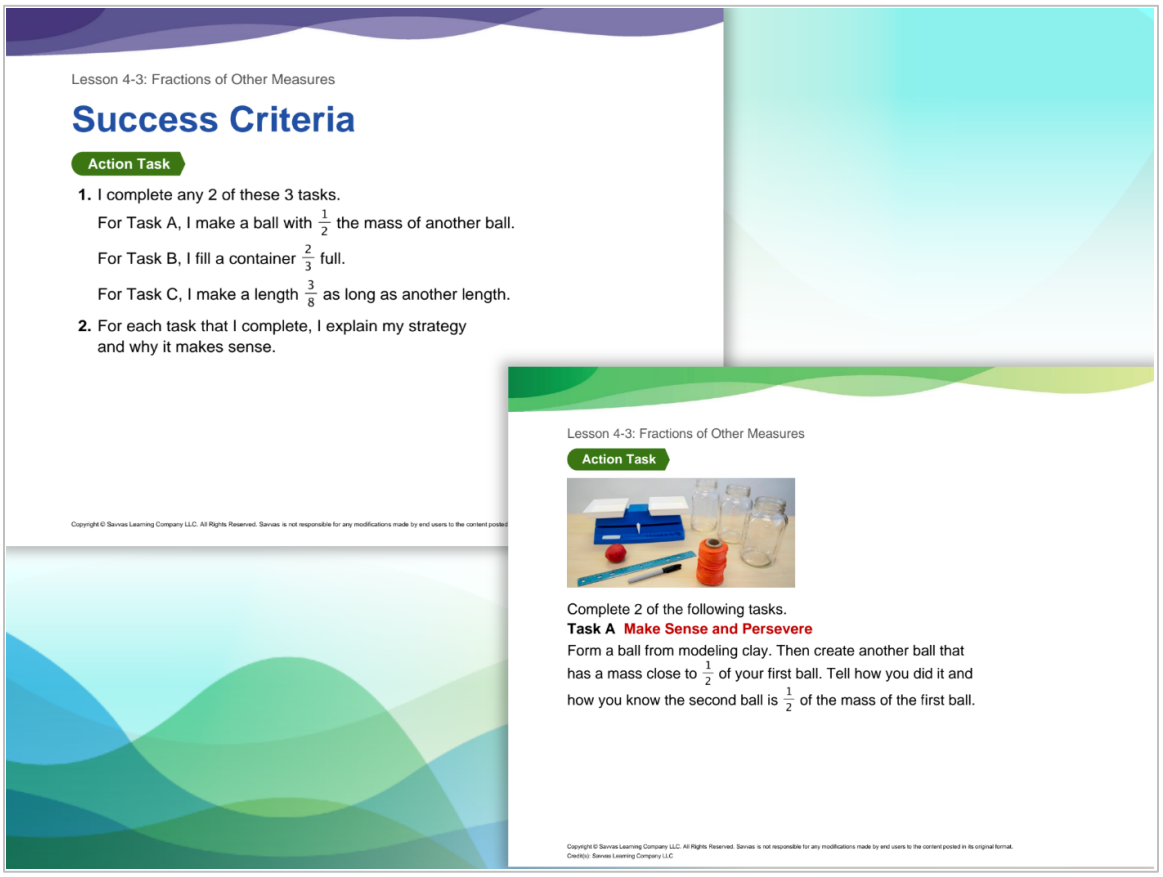
Every lesson in *Experience Math* starts with a Minds On task. The goal is to get students thinking and responding, sparking their learning.

Classroom conversation erupts as students are invited to share how their experiences and ideas connect to the question, enriching the mathematical understanding while developing students' cultural awareness.

The 10-15 minute Minds On is based on an open question intended to activate prior knowledge and engage student curiosity.

Students may often think about and begin the task individually then work with a peer to extend their thinking. Selecting and sequencing student work to share focuses the mathematical thinking and strategies so that all are ready for Part 2, the Action Task.

Action



After the Minds On activity, the main part of the lesson, Action, is introduced and students use critical and creative thinking to solve a new problem cooperatively.

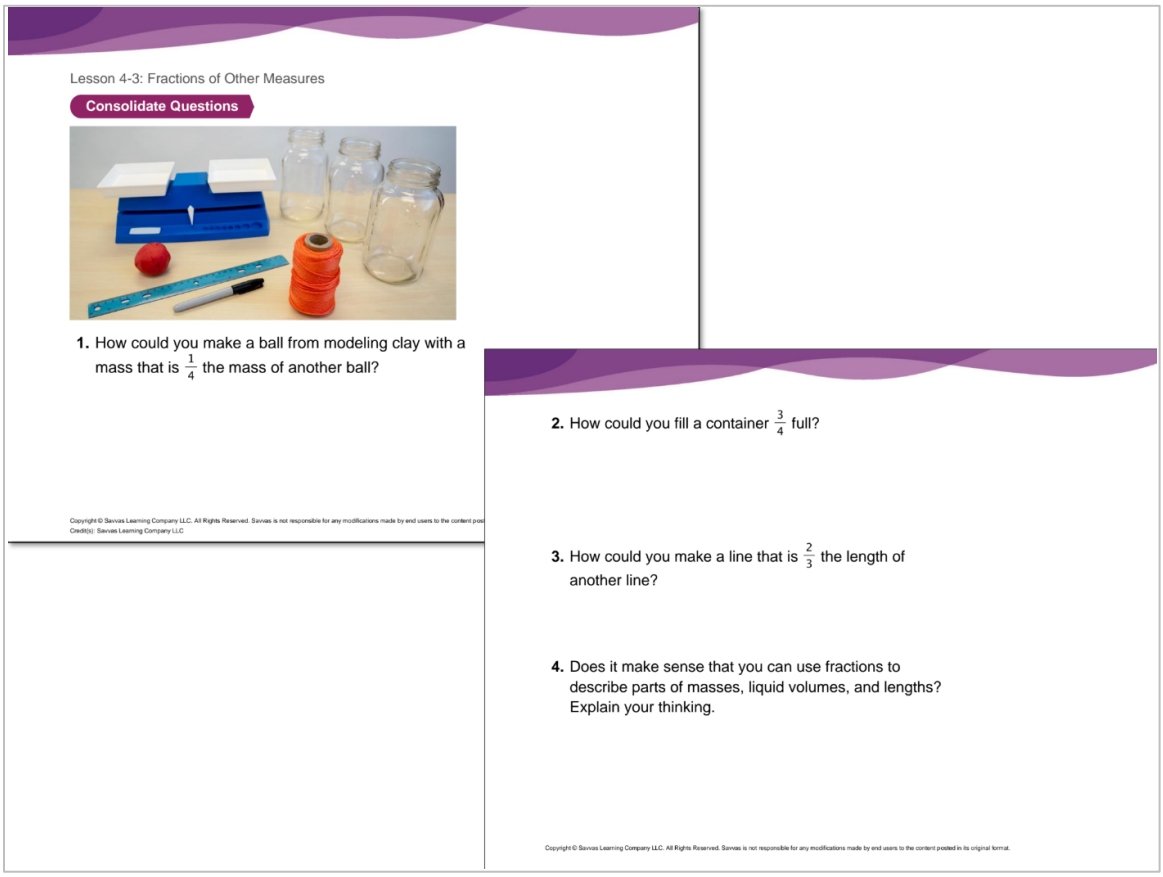
This is when the Success Criteria is shared or co-constructed and is linked directly to Math Practices and Processes like Make Sense and Persevere and Use Appropriate tools Strategically.

Students use manipulatives, graphic organizers, and other visualization tools to build conceptual understanding as they develop, use, and share various strategies to solve a problem in a small group or pairs.

Using strategic questioning and conversation starters, help concentrate the learning on the important concepts and gain momentum towards achieving the Success Criteria.

Parallel Tasks and scaffolds for multilingual learners are also available during the Action part of the lesson.

Consolidate



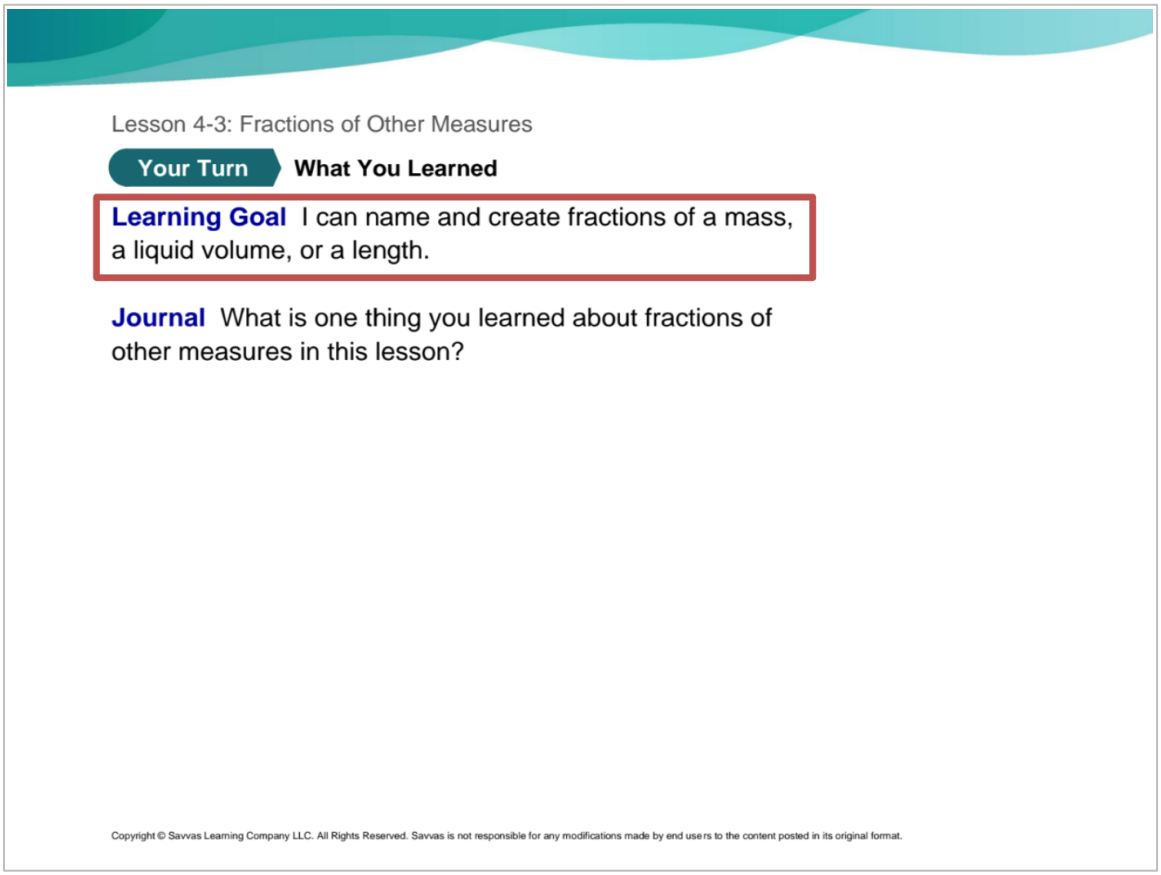
The most critical part of the lesson, Consolidate, features questions that allow students to draw out the main mathematical ideas from the Action Task.

As a learning community, students communicate their strategies and critique the reasoning of others as teachers highlight the most important ideas from the lesson. Students make concrete connections as they communicate their understanding.

Sharing is often done in small groups before sharing as a whole class so that students have multiple opportunities to practice communicating their thinking and mathematical reasoning.

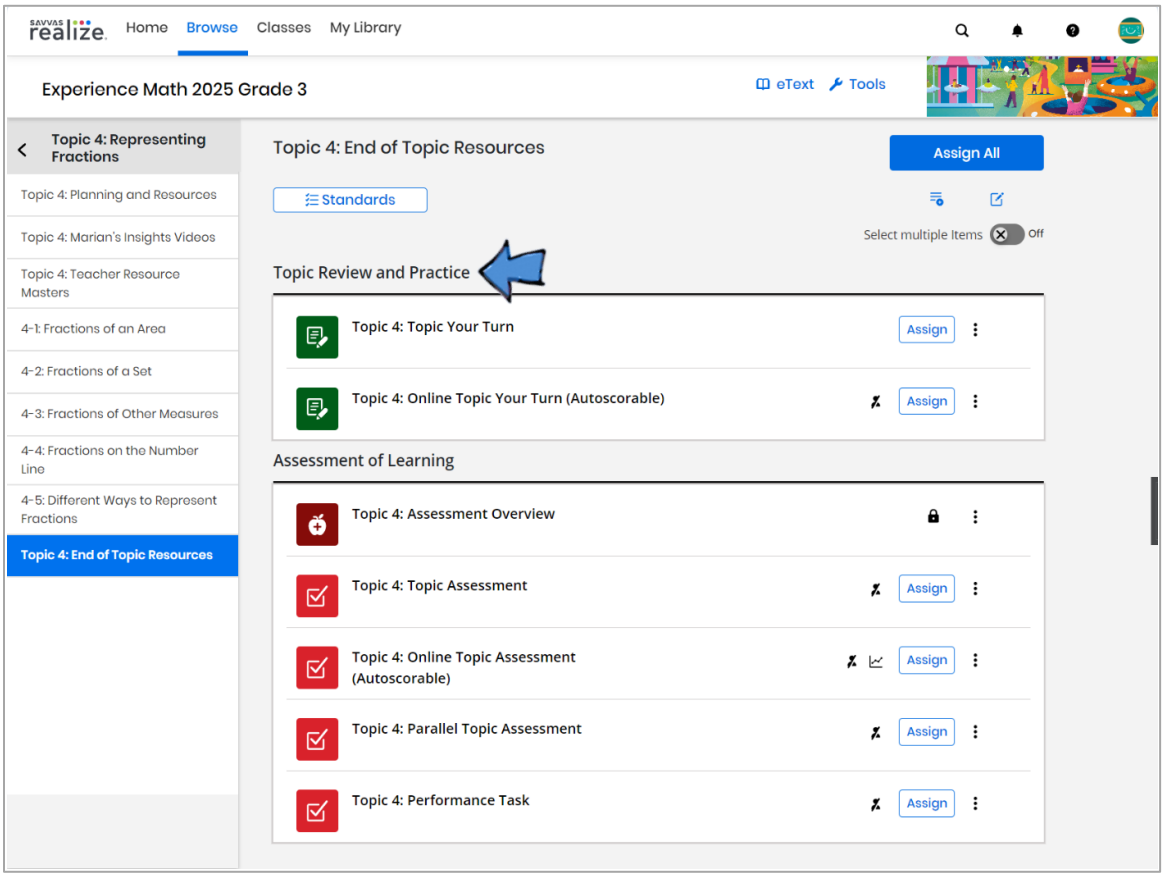
To ensure every student reaches the Learning Goal, Consolidate may also include opportunities for reteaching and extension.

Your Turn



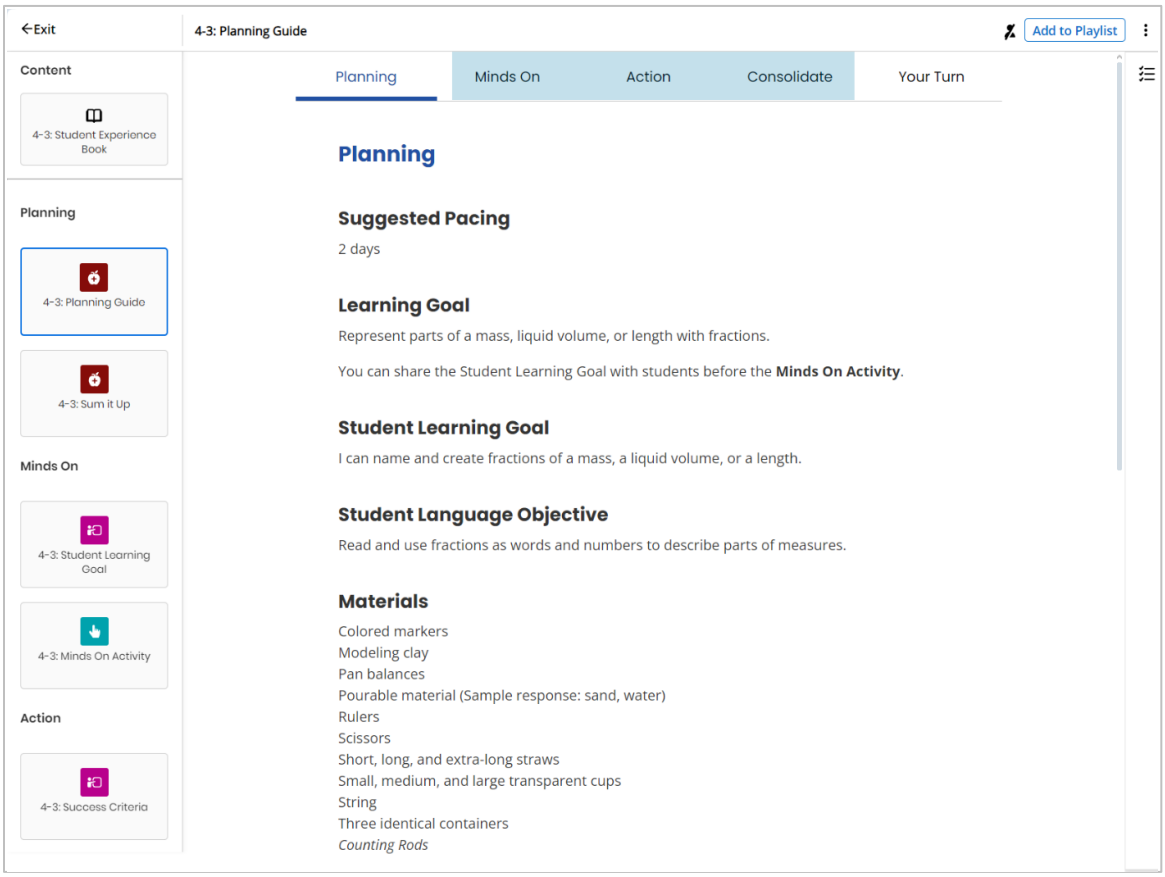
Before assigning the Your Turn Questions, review the Learning Goal to remind students of the lesson focus. Based on students' responses, you may choose to share some or all of the Lesson Summary before assigning the Your Turn in paper or digital format.

End of Topic Resources



There are various resources to support the closing of a Topic through Topic Review and Practice and Assessment of Learning. In addition to the Topic Assessment and online Topic Assessment, you'll also find a Parallel Topic Assessment and Performance Task as well as guidance for administering each of these.

Topic and Lesson Planning



Planning supports for each Topic can be found under Planning and Resources. Through a few simple clicks you'll find Suggested Pacing, Standards, Materials, Observational Assessment Checklists, Diagnostic Tasks, Games and even Family Engagement supports.

Once you've taken in the big picture of a Topic, lesson planning comes easy through the Lesson Planning Guide. For each lesson you'll find guidance through Minds On, Action, and Consolidate including questions to ask, where to focus, common student misconceptions and when and how to differentiate.

As you plan, be sure to check out Marian's Insights videos to experience instructional support and professional development directly from our *Experience Math* author!

Closing

Thank you for learning how to teach a lesson with *Experience Math* and don't forget to check out the other resources on My Savvas Training.