Singapore Math Formative Assessments (SMFA)
Curriculum Map of Units and Lessons

	Units	Lesson 1	Lesson 2	Lesson 3
Unit 1	How can SMFA help you teach mathematics for Understanding? Learning Objectives: After completing this unit, participants will be able to: • Define Singapore Math Formative Assessments • Create a table of learning progressions in the Singapore Math curriculum • Explain how to devote the majority of instructional time to teaching mathematics for understanding	Lesson 1.1: What is the relationship between Singapore Math and Common Core? Learning Objectives: After completing this lesson, participants will be able to: • Identify similarities and differences between the Singapore Math framework and the CCSS-M for Mathematical Practices • Relate the five components of the Singapore Math framework to the eight Standards for Mathematical Practices in CCSS-M	Lesson 1.2: What are the SMFA? Learning Objectives: After completing this lesson, participants will be able to: • Define Formative Assessments • Describe Singapore Math Formative Assessments	Lesson 1.3: How is learning developed in your grade to teach mathematics for understanding? Learning Objectives: After completing this lesson, participants will be able to: • Identify key concepts that students need to learn in each grade • Construct learning progressions in the Singapore Math curricula

Unit 2	How can SMFA help you meet your State Standards and prepare your students for State Tests? Learning Objectives: After completing this unit, participants will be able to: • Construct success criteria to meet CCSS goals in the Singapore Math lessons • Combine questions from Singapore Math workbooks to imitate State Exam • Create a pacing guide for mastering CCSS learning objectives in your grade	Lesson 2.1: What are the learning goals and success criteria that drive toward achieving CCSS-M objectives? Learning Objectives: After completing this lesson, participants will be able to: • Identify CCSS-M learning goals for Content and Practices in lessons • Construct success criteria to meet CCSS goals • Construct success criteria to meet goals of the Singapore Math units and lessons	Lesson 2.2: How are the CCSS' learning objectives assessed on States' tests? Learning Objectives: After completing this lesson, participants will be able to: • Identify major content clusters that are tested on CCSS and State's Exams • Analyze multiple choice, constructed response and other problems on tests • Combine questions from Singapore Math workbooks to imitate State Exam	Lesson 2.3: How do you help your students to meet the CCSS objectives on State tests? Learning Objectives: After completing this lesson, participants will be able to: • Create a pacing guide for mastering learning objectives • Create a pacing guide for students' ongoing independent practice of prior learned material
Unit 3	How to design SMFA to provide you and your students with feedback and differentiate your instruction? Learning Objectives: After completing this unit, participants will be able to: • Identify SMFA strategies to elicit evidence of students' learning • Create lesson plans to differentiate instruction • Create a guide to provide formative feedback for learning for anchor and practice lessons	Lesson 2.1: How to create SMFA for your lesson plans? Learning Objectives: After completing this lesson, participants will be able to: • Identify SMFA strategies to elicit evidence of students' learning • Align the SMFA strategies to the success criteria	Lesson 2.2: What is formative feedback for teaching? Learning Objectives: After completing this lesson, participants will be able to: • Create SMFA Q&A lists for lessons • Interpret evidence and identify gaps in the zone of proximal development • Create lesson plans to differentiate instruction	Lesson 2.3: Lesson 2.2: What is formative feedback for learning? Learning Objectives: After completing this lesson, participants will be able to: • Identify types of formative feedback • Create a guide to provide formative feedback for learning for anchor and practice lessons
Activities	In learning about SMFA students will engage in four major activities: 1. Readings and Watching 2. Critical Analysis 3. Discussions and Reflections 4. Designing Singapore Math Formative Assessments	In learning about SMFA students will engage in four major activities: 1. Readings and Watching 2. Critical Analysis 3. Discussions and Reflections 4. Designing Singapore Math Formative Assessments	In learning about SMFA students will engage in four major activities: 1. Readings and Watching 2. Critical Analysis 3. Discussions and Reflections 4. Designing Singapore Math Formative Assessments	In learning about SMFA students will engage in four major activities: 1. Readings and Watching 2. Critical Analysis 3. Discussions and Reflections 4. Designing Singapore Math Formative Assessments