

SFUSD Math Core Curriculum 2015-2016

Grade ____

Unit ____: Unit Title

Big Idea
(One declarative sentence of an overarching concept central to the learning of math and that links various understandings into a coherent whole)
Unit Objectives
<ul style="list-style-type: none"> ● (Students will understand...be able to...) ● ●
Unit Description
(Short narrative of the mathematical flow of this unit from start to finish)
CCSS-M Content Standards
(Include domain, cluster statements, and full text of standards)

Progression of Mathematical Ideas

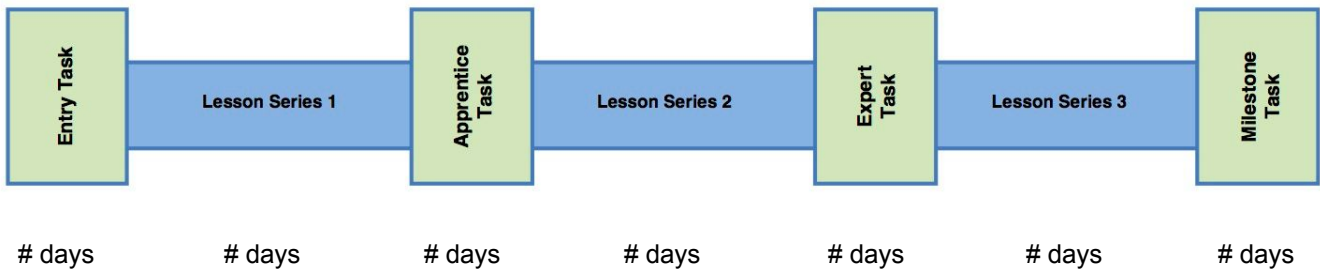
Prior Supporting Mathematics	Current Essential Mathematics	Future Mathematics
<p>(Previous grades and/or previous units within this grade. Do not simply list content standards. Write a narrative description of the prerequisite mathematical knowledge.)</p>	<p>(Current grade and unit. Write a narrative of the essential mathematics of this unit. Use the “Big Idea” as a starting point and then flesh it out.)</p>	<p>(Future units and grades. Do not simply list content standards. Write a narrative description of how the mathematics of this unit will inform future mathematical learning.)</p>

Unit Design

SFUSD units are designed around four tasks. These tasks offer all students opportunities to engage in meaningful and rigorous mathematics that allow for the development of the Standards for Mathematical Practice. They give information about how students are learning the core concepts and skills of the unit.

All tasks are used for formative assessment—gathering information about what students know and are able to do—but they are not tests. The Entry, Apprentice, and Expert Tasks allow for student collaboration and individual accountability without being graded based on an expectation of mastery. The Milestone Task can be used as an individual assessment for grading students.

- Entry Task:** *What do you already know?*
Apprentice Task: *What sense are you making of what you are learning?*
Expert Task: *How can you apply what you have learned so far to a new situation?*
Milestone Task: *Did you learn what was expected of you from this unit?*



Total days:

Unit Overview

	Days	Description	Sources
Entry Task			
Lesson Series 1			
Apprentice Task			
Lesson Series 2			
Expert Task			
Lesson Series 3			
Milestone Task			

Resources

	Student Pages	Materials
Entry Task		
Lesson Series 1		
Apprentice Task		
Lesson Series 2		
Expert Task		
Lesson Series 3		
Milestone Task		

Entry Task

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Plan	
Launch	
Explore	
Summarize	

Universal Support	
Extensions	
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Lesson Series 1 Overview

Description				
Standards				
Day	1	2	3	4
Description				
Core Math				
Math Talks				
Homework				
Resources and Setup				

Lesson Series 1 – Day 1

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Series 1 – Day 2

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Series 1 – Day 3

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Series 1 – Day 4

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Apprentice Task

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Series 2 Overview

Description				
Standards				
Day	1	2	3	4
Description				
Core Math				
Math Talks				
Homework				
Resources and Setup				

Lesson Series 2 – Day 1

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Series 2 – Day 2

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Series 2 – Day 3

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Series 2 – Day 4

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Expert Task

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Series 3 Overview

Description				
Standards				
Day	1	2	3	4
Description				
Core Math				
Math Talks				
Homework				
Resources and Setup				

Lesson Series 3 – Day 1

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

Math Talk	
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Lesson Series 3 – Day 2

Description	
Core Math	
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Potential Misconceptions	
Resources and Setup	

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Lesson Series 3 – Day 3

Description	
Core Math	
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Potential Misconceptions	
Resources and Setup	

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Lesson Series 3 – Day 4

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

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Milestone Task

Description	
Core Math	
CCSS-M Standard(s)	
Potential Misconceptions	
Resources and Setup	

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