

FAME Public Charter School

Scope and Sequence: Grade Kindergarten Math

Subject/Unit Title: Math Unit 1				
Estimated Time Frame (#of Days): 25				
Unit 1: Back to School Fun				
Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
Chapter 1 Sort and Classify	Lesson 1.1 Alike and Different	Use attributes to determine how objects are alike and different	AF 1.1: identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group	<ul style="list-style-type: none"> • Sorting assessment by alike and different
	Lesson 1.2 Sort and Classify by Color	Sort objects according to the attribute color	AF 1.1: identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group	<ul style="list-style-type: none"> • Sorting assessment by color
	Lesson 1.3 Sort and Classify by Size	Sort objects according to the attribute of size	AF 1.1: identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group	<ul style="list-style-type: none"> • Sorting assessment by size
	Lesson 1.4 Sort and Classify by Shape	Sort objects according to attribute of shape	AF 1.1: identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group	<ul style="list-style-type: none"> • Sorting assessment by shape • Mid Chapter Review
	Lesson 1.5 Problem Solving Workshop Skill: Use Visual Thinking	Solve problems by using the skill use visual thinking	AF 1.1: identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group MR2.1: Explain the reasoning using concrete objects and/or pictorial representations	<ul style="list-style-type: none"> • Explain sorting reasoning

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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
	Lesson 1.6 Identify Sorting Rules	Describe how groups of objects are formed	AF 1.1: identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group	<ul style="list-style-type: none"> Explain sorting reasoning
	Lesson 1.7 Problem Solving Workshop	Solve problems by using the strategy us logical reasoning	AF 1.1: identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group MR2.1: Explain the reasoning using concrete objects and/or pictorial representations	<ul style="list-style-type: none"> Explain sorting reasoning
	Lesson 1.8 Sort to Make a Graph	Sort objects into groups to make graph	AF 1.1: identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group	<ul style="list-style-type: none"> Graphing assessment Chapter 1 Review/Test
Chapter 2 Numbers 0-5	Lesson 2.1 Equal Sets	Use one-to-one correspondence to make equal sets	NS 1.1: compare two or more sets of objects and identify which set is equal to, more than, or less than the other	<ul style="list-style-type: none"> Make equal amounts assessment
	Lesson 2.2 Problem Solving Workshop Skill: Use a Model	Solve problems by using the skill use a model	NS 1.1: compare two or more sets of objects and identify which set is equal to, more than, or less than the other MR2.1: Explain the reasoning using concrete objects and/or pictorial representations	<ul style="list-style-type: none"> Make more and fewer counters assessment

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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
	Lesson 2.3 Model, Read, and Write 1,2 , 3, 4	Use one-to-one correspondence to model and describe sets of 1 to 4	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30)	<ul style="list-style-type: none"> Counting assessment- understanding 1-4
	Lesson 2.4 Model on a Five Frame	Use concrete objects to represent quantities	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30)	<ul style="list-style-type: none"> Counting assessment- understanding 1-4
	Lesson 2.5 Read and Write 5	Recognize and write the numeral that describes the quantity 5	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30)	<ul style="list-style-type: none"> Counting assessment understanding 5 Mid Chapter Review
	Lesson 2.6 Read and Write 0	Recognize and write the numeral that describes the quantity 0	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30)	<ul style="list-style-type: none"> Counting assessment- understanding 0
	Lesson 2.7 Write Numbers to 5	Use numbers to describe in writing how many objects are in a set	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30)	<ul style="list-style-type: none"> Counting assessment- recognize the number of objects
	Lesson 2.8 Problem Solving Workshop Strategy: Make a Model	Solve problems by using the strategy make a model	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30)	<ul style="list-style-type: none"> Counting assessment
	Lesson 2.9 Order Numbers to 5	Order a number of objects	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30)	<ul style="list-style-type: none"> Counting assessment- what comes after this number Chapter 2 Review/Test

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Subject/Unit Title: Math Unit 2				
Estimated Time Frame (#of Days): 20				
Unit 2: Fall Festival				
Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
Chapter 3 Patterns	Lesson 3.1 Identify Patterns	Identify and copy patterns of concrete objects	SDAP 1.2: Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.	<ul style="list-style-type: none"> • Pattern Assessment
	Lesson 3.2 Describe Patterns	Identify and describe patterns that vary by shape, size, and color	SDAP 1.2: Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.	<ul style="list-style-type: none"> • Describe Pattern Assessment
	Lesson 3.3 Identify and Extend Patterns	Identify and extend patterns of concrete objects	SDAP 1.2: Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.	<ul style="list-style-type: none"> • Make an AAB pattern • Mid Chapter Review Assessment
	Lesson 3.4 Problem Solving Workshop Strategy: Find a Pattern	Solve problems by using the strategy find a pattern	SDAP 1.2: Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors. MR 1.2, MR 2.1	<ul style="list-style-type: none"> • Pattern Assessment (use shapes to make a pattern)
	Lesson 3.5 Color, Shape, and Size Patterns	Identify and create patterns of concrete objects	SDAP 1.2: Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.	<ul style="list-style-type: none"> • Pattern Assessment (create their own pattern)
	Lesson 3.6 Problem Solving Workshop Skill: Use a Pattern	Solve problems by using the skill use a pattern	SDAP 1.2: Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.	<ul style="list-style-type: none"> • Pattern Assessment (find the missing shape in the pattern) • Mid Chapter Review/Test

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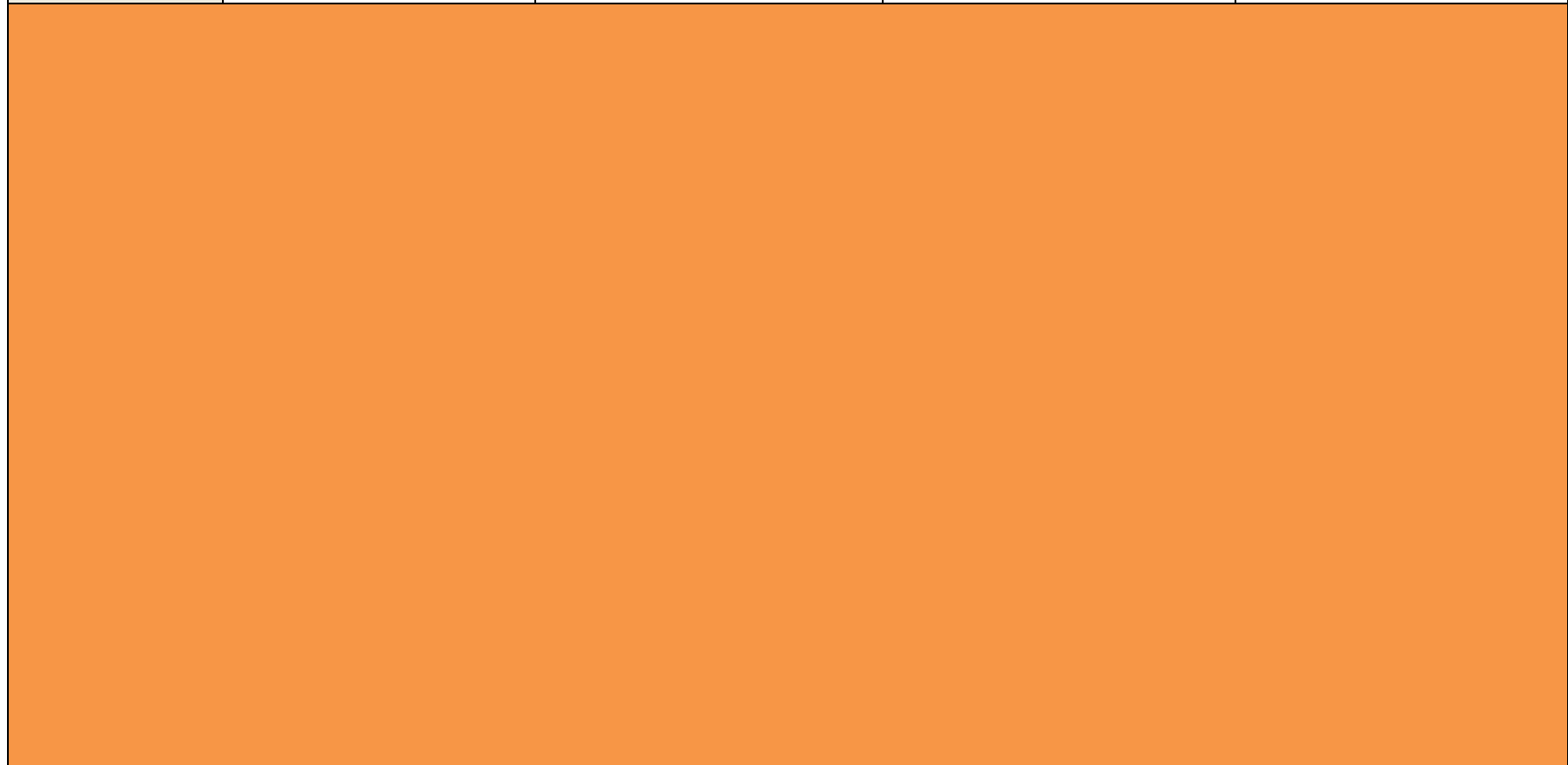
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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
Chapter 4 Numbers 6-10	Lesson 4.1 Model, Read, and Write 6 and 7	Use numbers to name the quantities 6 and 7	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30) NS 1.0	<ul style="list-style-type: none"> Counting Assessment (write the number of counters)
	Lesson 4.2 Model, Read, and Write 8 and 9	Use numbers to name the quantities 8 and 9	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30) NS 1.0	<ul style="list-style-type: none"> Counting Assessment (compare 8 and 9 cube trains)
	Lesson 4.3 Model on a Ten Frame	Use concrete objects to represent 10	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30)	<ul style="list-style-type: none"> Counting Assessment
	Lesson 4.4 Read and Write 10	Use numbers to name the quantity 10	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30) NS 1.3	<ul style="list-style-type: none"> Counting Assessment Mid Chapter Review
	Lesson 4.5 Write Numbers to 10	Read and write numerals to 10	NS 1.2: Count, recognize, represent, name, and order a number of objects (up to 30)	<ul style="list-style-type: none"> Counting Assessment
	Lesson 4.6 Compare sets of 10	Use objects to compare sets of 10	NS 1.1: Compare two or more sets of objects (up to 10 objects in each group) and identify which set is equal to, more than, or less than, the other. NS 1.2, NS 1.3	<ul style="list-style-type: none"> Counting Assessment
	Lesson 4.7 Problem Solving Workshop Strategy: Make a Model	Solve problems by using the strategy make a model	NS 1.3: Know that the larger numbers describe sets with more objects in then than the smaller numbers have. NS 1.1, NS 1.2, MR 1.2, MR 2.1	<ul style="list-style-type: none"> Counting Assessment
	Lesson 4.8 Order Numbers to 10	Use a number line to order numbers to 10	NS 1.2: Count, recognize, represent, name, and order a number of objects. NS 1.3	<ul style="list-style-type: none"> Counting Assessment (use number line to find answers)

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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
	Lesson 4.9 Number Patterns	Use objects to identify a number pattern	SDAP 1.2: Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.	<ul style="list-style-type: none">Counting Assessment (pick a number and show the a counting by ones pattern)
	Lesson 4.10 Problem Solving Workshop Skill: Use Estimation	Solve problems by using the skill use estimation	NS 3.1: Recognize when an estimate is reasonable. NS 3.0	<ul style="list-style-type: none">Estimation AssessmentChapter 4 Review/Test



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Subject/Unit Title: Math Unit 3				
Estimated Time Frame (#of Days): 20				
Unit 3: Animals				
Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
Chapter 5 Graphing	Lesson 5.1 Make Concrete Graphs	Construct and use graphs of real objects to answer questions	SDAP 1.1: Pose information questions; collect data; and record the results using objects, pictures, and picture graphs. AF 1.1	<ul style="list-style-type: none"> Graphing Assessment
	Lesson 5.2 Read Concrete Graphs	Construct and use graphs of real objects to answer questions	SDAP 1.1: Pose information questions; collect data; and record the results using objects, pictures, and picture graphs. AF 1.1	<ul style="list-style-type: none"> Graphing Assessment (graph by color)
	Lesson 5.3 Problem Solving Workshop Skill: Use a Picture	Solve problems by using the skill use a picture	SDAP 1.1: Pose information questions; collect data; and record the results using objects, pictures, and picture graphs. MR 2.1	<ul style="list-style-type: none"> Graphing Assessment (sort shapes and show amounts on graph) Mid Chapter Review
	Lesson 5.4 Read Picture Graphs	Use information from a picture graph to answer questions	SDAP 1.1: Pose information questions; collect data; and record the results using objects, pictures, and picture graphs.	<ul style="list-style-type: none"> Graphing Assessment
	Lesson 5.5 Make Picture Graphs	Construct picture graphs to answer questions	SDAP 1.1: Pose information questions; collect data; and record the results using objects, pictures, and picture graphs.	<ul style="list-style-type: none"> Graphing Assessment
	Lesson 5.6 Problem Solving Workshop Strategy: Draw a Picture	Solve problems by using the strategy draw a picture	SDAP 1.1: Pose information questions; collect data; and record the results using objects, pictures, and picture graphs. MR 2.1	<ul style="list-style-type: none"> Graphing Assessment (draw a picture and show the data on a graph) Chapter 5 Review/Test

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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
Chapter 6 Geometry	Lesson 6.1 Identify and Describe Solid Figures	Identify and describe real-life objects or models of three-dimensional geometric figures	MG 2.1: Identify and describe common geometric objects (e.g. circle, triangle, square, rectangle, cube, sphere, cone) MG 2.0	<ul style="list-style-type: none"> Geometry Assessment (find how many shapes there are)
	Lesson 6.2 Compare Solid Figures	Compare solid figures by common attributes	MG 2.2: Compare familiar plane and solid objects by common attributes (e.g. position, shape, size, roundness, number of corners)	<ul style="list-style-type: none"> Draw pictures to answer the questions
	Lesson 6.3 Problem Solving Workshop Skill: Use Visual Thinking	Solve problems by using the skill use visual thinking	MG 2.1: Identify and describe common geometric objects (e.g. circle, triangle, square, rectangle, cube, sphere, cone) MR 2.1	<ul style="list-style-type: none"> Geometry Assessment Mid Chapter Review
	Lesson 6.4 Identify and Describe Plane Figures	Identify and describe two-dimensional geometric figures	MG 2.1: Identify and describe common geometric objects (e.g. circle, triangle, square, rectangle, cube, sphere, cone)	<ul style="list-style-type: none"> Geometry Assessment
	Lesson 6.5 Compare Plane Figures	Compare two-dimensional geometric figures	MG 2.2: Compare familiar plane and solid objects by common attributes (e.g. position, shape, size, roundness, number of corners)	<ul style="list-style-type: none"> Geometry Assessment (describe attributes of a rectangle)
	Lesson 6.6 Problem Solving Workshop Strategy: Use Logical Reasoning	Solve problems by using the strategy use logical reasoning	MG 2.1: Identify and describe common geometric objects (e.g. circle, triangle, square, rectangle, cube, sphere, cone) MR 1.2, MR 2.1	<ul style="list-style-type: none"> Geometry Assessment (making a new shape with triangles) Chapter 6 Review/Test

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Subject/Unit Title: Math Unit 4				
Estimated Time Frame (#of Days): 22				
Unit 4: At the Market				
Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
Chapter 7 Numbers 11 to 20	Lesson 7.1 Model, Read, and Write 11, 12, and 13	Count, recognize, represent, and name objects for 11, 12, and 13	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment
	Lesson 7.2 Read and Write 14, 15, and 16	Count, recognize, represent, and name objects for 14, 15, and 16	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment
	Lesson 7.3 Read and Write 17, 18, and 19	Count, recognize, represent, and name objects for 14, 15, and 16	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment
	Lesson 7.4 Problem Solving Workshop Strategy: Use Logical Reasoning	Solve problems by using the strategy use logical reasoning	NS 1.3: Know that the larger numbers describe sets with more objects in them than the smaller numbers have. NS 1.2, MR 1.2, MR 2.1.	<ul style="list-style-type: none"> Counting Assessment
	Lesson 7.5 Read and Write 20	Recognize and model 20	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment Mid Chapter Review
	Lesson 7.6 Count Sets of 20	Count sets of up to 20 objects	NS 1.2: Count, recognize, represent, name, and order a number of objects. NS 1.3	<ul style="list-style-type: none"> Counting Assessment
	Lesson 7.7 Compare Sets of 20	Compare sets of up to 20 objects	NS 1.3: Know that the larger numbers describe sets with more objects in them than the smaller numbers have	<ul style="list-style-type: none"> Counting Assessment
	Lesson 7.8 Order Numbers to 20	Use a number line to order numbers	NS 1.2: Count, recognize, represent, name, and order a number of objects. NS 1.3	<ul style="list-style-type: none"> Counting Assessment (write numbers that come before and after)

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	Lesson 7.9 Problem Solving Workshop Skill: Use Estimation	Solve problems by using the skill use estimation	NS 3.0: Students use estimation strategies in computation and problem solving that involve numbers that use the ones and tens place. NS 3.1, MR 2.2	<ul style="list-style-type: none"> Counting Assessment Chapter 7 Review/Test
Chapter 8 Numbers 21 to 30	Lesson 8.1 Model, Read, and Write 21 and 22	Recognize and represent numbers 21 and 22	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment
	Lesson 8.2 Read, and Write 23 and 24	Recognize and represent numbers 23 and 24	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment (show different ways of making 23 and 24)
	Lesson 8.3 Problem Solving Workshop Strategy: Make a Model	Solve problems by using the strategy make a model	NS 1.3: Know that the larger numbers describe sets with more objects in them than the smaller numbers have. MR 1.2, MR 2.1	<ul style="list-style-type: none"> Counting Assessment
	Lesson 8.4 Read and Write 25	Count and represent numbers of objects to 25	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment Mid Chapter Review
	Lesson 8.5 Read and Write 26 and 27	Count, recognize, and represent objects to 30	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment
	Lesson 8.6 Read and Write 28 and 29	Count, recognize, and represent 28 and 29 objects	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment
	Lesson 8.7 Read and Write 30	Count, recognize, and represent objects to 30	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none"> Counting Assessment
	Lesson 8.8 Problem Solving Workshop Skill: Use data from a Picture	Solve problems by using the skill use data from a picture	NS 1.3: Know that the larger describe sets with more objects in them than the smaller numbers have. MR 2.1.	<ul style="list-style-type: none"> Counting Assessment

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	Lesson 8.9 Order Numbers to 30	Use a number line to order numbers to 30	NS 1.2: Count, recognize, represent, name, and order a number of objects	<ul style="list-style-type: none">• Counting Assessment• Chapter 8 Review/Test
				<ul style="list-style-type: none">•

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Subject/Unit Title: Math Unit 5				
Estimated Time Frame (#of Days): 22				
Unit 5: Helping Hands				
Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
Chapter 9 Measurement	Lesson 9.1 Compare Length	Compare objects by length	MG 1.1: Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g. note which object is shorter, longer, taller, lighter, heavier, or hold more) MG 1.0	<ul style="list-style-type: none"> Measurement Assessment (which cube train is longer)
	Lesson 9.2 Order Length	Order objects by length	MG 1.1: Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g. note which object is shorter, longer, taller, lighter, heavier, or hold more)	<ul style="list-style-type: none"> Measurement Assessment (put objects in order from shortest to longest)
	Lesson 9.3 Problem Solving Workshop Strategy: Draw a Picture	Solve problems by using strategy draw a picture	MG 1.1: Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g. note which object is shorter, longer, taller, lighter, heavier, or hold more) MR 1.2, MR 2.1	<ul style="list-style-type: none"> Measurement Assessment (make different size rectangles) Mid Chapter Review
	Lesson 9.4 Explore Capacity	Explore Capacity	MG 1.1: Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g. note which object is shorter, longer, taller, lighter, heavier, or hold more)	<ul style="list-style-type: none"> Measurement Assessment

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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
	Lesson 9.5 Compare Capacity	Compare and order the capacity of three containers	MG 1.1: Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g. note which object is shorter, longer, taller, lighter, heavier, or hold more) MG 1.0	<ul style="list-style-type: none"> Measurement Assessment (which holds more, holds the same, and holds less)
	Lesson 9.6 Problem Solving Workshop Skill: Use a Picture	Solve problems by using the skill use a picture	MG 1.1: Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g. note which object is shorter, longer, taller, lighter, heavier, or hold more) MR 2.1	<ul style="list-style-type: none"> Measurement Assessment (which planter holds more)
	Lesson 9.7 Explore Weight	Explore objects by weight	MG 1.1: Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g. note which object is shorter, longer, taller, lighter, heavier, or hold more)	<ul style="list-style-type: none"> Measurement Assessment (which is object is heavier, lighter, the same)
	Lesson 9.8 Compare Weight	Compare and order objects by weight	MG 1.1: Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g. note which object is shorter, longer, taller, lighter, heavier, or hold more) MG 1.0	<ul style="list-style-type: none"> Measurement Assessment Chapter 9 Review/Test

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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
Chapter 10 Explore Calendar and Time	Lesson 10.1 Days of the Week	Identify the days of the week	MG 1.3: Name the days of the week. MG 1.2	<ul style="list-style-type: none"> Calendar Assessment (how many Thursdays are on the calendar)
	Lesson 10.2 Explore Sequence of Events	Use the days of the week to describe a sequence of events	MG 1.2: Demonstrate an understanding of concepts of time (e.g. morning, afternoon, evening, today, yesterday, tomorrow, week, and year) and tools that measure time. MG 1.3	<ul style="list-style-type: none"> Sequence Assessment (put pictures in the correct sequence)
	Lesson 10.3 Explore a Calendar	Recognize parts of a calendar	MG 1.2: Demonstrate an understanding of concepts of time (e.g. morning, afternoon, evening, today, yesterday, tomorrow, week, and year) and tools that measure time. MG 1.3	<ul style="list-style-type: none"> Calendar Assessment (fill in the numbers on a calendar)
	Lesson 10.4 Problem Solving Workshop Skill: Use a Calendar	Solve problems by using the skill use a calendar	MG 1.2: Demonstrate an understanding of concepts of time (e.g. morning, afternoon, evening, today, yesterday, tomorrow, week, and year) and tools that measure time. MR 1.3, MR 2.1	<ul style="list-style-type: none"> Calendar Assessment Mid Chapter Review
	Lesson 10.5 More Time, Less Time	Use time to compare events according to duration	MG 1.0: Students understand the concept of time and units to measure it; they understand that objects have properties, such as length, weight, and capacity, and that comparison may be made by referring to those properties	<ul style="list-style-type: none"> Making a logical choice assessment (which choice should you choose: a pull on shirt or a button down shirt when you are running late)

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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
	Lesson 10.6 Use a Clock	Recognize and explore the hour hand on a clock	MG 1.2: Demonstrate an understanding of concepts of time (e.g. morning, afternoon, evening, today, yesterday, tomorrow, week, and year) and tools that measure time. MG 1.0, MG 1.4	<ul style="list-style-type: none">• Clock Assessment
	Lesson 10.7 Time to the Hour	Identify time to the hour using an analog and digital clock	MG 1.4: Identify the time (to the nearest hour) of everyday events (e.g. lunch time is 12 o'clock; bedtime is 8 o'clock at night) MG 1.0, MG 1.2	<ul style="list-style-type: none">• Clock Assessment
	Lesson 10.8 Problem Solving Workshop Strategy: Draw a Picture	Solve problems by using the strategy draw a picture	MG 1.4: Identify the time (to the nearest hour) of everyday events (e.g. lunch time is 12 o'clock; bedtime is 8 o'clock at night) MR 1.2, MR 2.1	<ul style="list-style-type: none">• Clock Assessment• Chapter 10 Review/Test

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Subject/Unit Title: Math Unit 6				
Estimated Time Frame (#of Days): 22				
Unit 5: The Great Outdoors				
Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
Chapter 11 Addition	Lesson 11.1 Problem Solving Workshop Strategy: Act It Out	Solve problems by using the strategy act it out	NS 2.1: Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10) NS 2.0, MR 1.2	<ul style="list-style-type: none"> Addition Assessment by acting out a story
	Lesson 11.2 Model Addition	Use concrete objects to model addition	NS 2.1: Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10) NS 2.0	<ul style="list-style-type: none"> Addition Assessment
	Lesson 11.3 Joining Groups	Use pictures to understand joining groups	NS 2.0: Students understand and describe simple additions and subtractions.	<ul style="list-style-type: none"> Addition Assessment
	Lesson 11.4 Introduce Symbols to Add	Use symbols to represent addition sentences	NS 2.0: Students understand and describe simple additions and subtractions.	<ul style="list-style-type: none"> Addition Assessment Mid Chapter Review
	Lesson 11.5 Addition Patterns	Represent an addition pattern of one more in addition sentences	NS 2.0: Students understand and describe simple additions and subtractions.	<ul style="list-style-type: none"> Addition Assessment
	Lesson 11.6 Addition Sentences	Complete simple addition sentences	NS 2.0: Students understand and describe simple additions and subtractions.	<ul style="list-style-type: none"> Addition Assessment (make up an addition story and write and addition sentence)

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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
	Lesson 11.7 Create and Model Addition Problems	Use concrete objects to create and model an addition problem	NS 2.1: Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10) NS 2.0	<ul style="list-style-type: none"> Addition Assessment (make up an addition sentence)
	Lesson 11.8 Problem Solving Workshop Skill: Use a Model	Solve problems by using the skill use a model	NS 2.0: Students understand and describe simple additions and subtractions. MR 2.1	<ul style="list-style-type: none"> Addition Assessment Chapter 11 Review/Test
Chapter 12 Subtraction	Lesson 12.1 Problem Solving Workshop Strategy: Act It Out	Solve problems by using the strategy act it out	NS 2.1: Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10) NS 2.0	<ul style="list-style-type: none"> Subtraction Assessment (act out a subtraction story)
	Lesson 12.2 Model Subtraction	Use concrete objects to model subtraction	NS 2.1: Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10) NS 2.0	<ul style="list-style-type: none"> Subtraction Assessment (use cubes to show subtraction problem)
	Lesson 12.3 Separating Groups	Use pictures to understand separating groups	NS 2.0: Students understand and describe simple additions and subtractions.	<ul style="list-style-type: none"> Subtraction Assessment
	Lesson 12.4 Introduce Symbols to Subtract	Use symbols to represent subtraction	NS 2.0: Students understand and describe simple additions and subtractions.	<ul style="list-style-type: none"> Subtraction Assessment (make a subtraction sentence) Mid Chapter Review
	Lesson 12.5 Subtraction Patterns	Represent a number pattern of one less in subtracting sentences	NS 2.0: Students understand and describe simple additions and subtractions.	<ul style="list-style-type: none"> Subtraction Assessment

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Chapter Title	Lesson Title	Objectives	CA State Standards	Assessments
	Lesson 12.6 Subtraction Sentences	Complete simple subtraction sentences	NS 2.0: Students understand and describe simple additions and subtractions.	<ul style="list-style-type: none">• Subtraction Assessment
	Lesson 12.7 Create and Model Subtraction Problems	Use concrete objects to create and model a subtraction problem	NS 2.1: Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10) NS 2.0	<ul style="list-style-type: none">• Subtraction Assessment
	Lesson 12.8 Problem Solving Workshop Skill: Use a Model	Solve problems by using the skill use a model	NS 2.1: Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10) NS 2.0, MR 2.1	<ul style="list-style-type: none">• Subtraction Assessment• Chapter 12 Review/Test