SAUSD Common Core Aligned Curriculum Map: Math Grade 2 Year at a Glance

Title	Time	Performance Task	Big Idea	Essential Questions	Core Texts
Unit 1: Add & Subtract within 20 (Operations and Algebraic Thinking)	2 Weeks Sept	Show multiple ways to solve the same problem.	Quantities can be combined and separated in many ways.	• What are some different ways to solve addition problems? • What are some different ways to solve subtraction problems?	HM Chapter 1 Variety of problem situations to solve
Unit 2: Numbers to 200 (Number & Operations Base Ten)	2 weeks End Sept	Create a set of number cards with tens and ones to show any number to 99.	Quantities can be purposefully represented, and compared in many ways.	• How does our place value system work? • How do groups of ten help us count bigger numbers? • How can we compare bigger and smaller numbers?	HM Chapters 3, 4
Unit 3: Add & Subtract within 100 (Operations and Algebraic Thinking)	6 weeks Oct/Nov	Write and solve a word problem to depict a given addition/subtraction problem.	Quantities can be combined and separated in many ways.	• What are some different ways to solve addition problems? • What are some different ways to solve subtraction problems? How can groups of ten help us add and subtract numbers?	HM Chapters 8, 9, 10, 11, 12, 13
Unit 4: Money (Measurement and Data)	2 weeks Nov	Solve problems using dollar bills and coins.	Money can be used to solve everyday problems.	° How can we solve problems with money? ° How do we use money every day?	HM Chapters 6, 7
Unit 5: Geometry (Geometry)	3 weeks Dec	Partition shapes into equal shares.	Shapes can be divided into equal parts.	° How can we identify shapes? ° How can we divide shapes into equal parts?	Getting to the Core Geometry Unit HM Chapters 14, 16 (partitioning shapes only, no fractional notation)
Unit 6: Foundations for Multiplication (Operations and Algebraic Thinking)	3 weeks January	Work with equal groups of objects to gain foundations for multiplication.	Quantities can be divided into equal groups.	• How does repeated addition relate to multiplication? ° How does an array show multiplication? ° How can we show multiplication using equal groups?	HM Chapters 5, 20, 21
Unit 7: Numbers to 1,000 (Number & Operations Base Ten)	3 weeks Feb	Create a flipbook to illustrate the base ten system of numbers.	Quantities can be purposefully represented, and compared in many ways.	• How does our place value system work? • How do groups of ten help us count bigger numbers?	HM Chapters 23, 24

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Unit 8: Add & Subtract Larger Numbers (Number & Operations Base Ten)	4 weeks March	Write and solve a word problem to depict a given subtraction problem.	Quantities can be combined and separated in many ways.	• How do groups of ten help us add and subtract bigger numbers?	HM Chapters 25, 26, 27, 28
Unit 9: Represent & Interpret Data (Measurement and Data)	2 weeks April	Draw a picture graph or bar graph to show data.	Objects can be described, classified, and analyzed based on their attributes.	• What are the important parts of a graph? • What do the pictures mean on a picture graph? • What do the bars mean on a bar graph?	HM Chapter 2
Unit 10: Linear Measurement (Measurement and Data)	3 Weeks May	Estimate and measure lengths using two different units.	Objects can be described, classified, measured, and analyzed based on their attributes.	• How do measurement units help us to understand what is being measured? • What happens when we measure the same length with different tools? • How can we compare lengths using measurement?	HM Chapter 18
Unit 11: Telling Time (Measurement and Data)	3 weeks June	Tell time to five minutes.	Time can be measured and used to solve problems.	• What does the long hand on the clock measure? • What does the short hand on the clock measure? • How do the numbers around the clock help us to tell the time? • How do the marks around the clock help us to tell the time?	HM Chapter 19

Topics no longer an expectation for second grade: fractional notation, division

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