SAUSD Common Core Aligned Curriculum Map: Math Grade 3 Year at a Glance

Title	Time	Performance Task	Big Idea	Essential Questions	Core Texts
Unit 1: Numbers to 10,000 (Number & Operations Base Ten)	2 weeks Sept	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? • Why is the number to the left ten times greater than the number to the right?	HM Chapters 1, 2
Unit 2: Addition and Subtraction (Number & Operations Base Ten) (Operations and Algebraic Thinking)	4 weeks Sept/Oct	Write and solve a word problem to depict a given addition or subtraction problem.	Quantities can be combined and separated in many ways.	• What is the purpose of the algorithm we use for adding? • What is the purpose of the algorithm we use for subtracting? • How do measurement units help us to understand what is being measured? • What does perimeter help us understand?	HM Chapters 3, 4
Unit 3: Multiplication Facts (Operations and Algebraic Thinking)	4 weeks Oct/Nov	Calculate the area of the classroom.	Quantities can be grouped into many different amounts.	• How does repeated addition relate to multiplication? • How do factors relate to multiplication? • How do we use multiplication to find area? ° How is an array related to an area model?	HM Chapters 5, 6, 7
Unit 4: Geometry & Measurement (Geometry)	3 weeks Dec	Design a map, which includes various types of lines and geometric shapes.	Quantities can be expressed using letters to represent numbers.		Getting to the Core Geometry Unit HM Chapters 8.1, 9.5, 10, 11.3, 11.4, 11.5
Unit 5: Division Facts (Operations and Algebraic Thinking)	5 weeks Jan/Feb	Solve problems in real life context, explaining your thinking.	Quantities can be divided into equal groups.	• How is repeated subtraction related to equal groups in division? • What are the patterns that occur in division? • How is the remainder expressed? • How can we illustrate and explain division problems?	HM Chapters 12, 13, 14

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Unit 6: Fractions (Number & Operations–Fractions)	6 weeks Feb/March		The set of numbers is infinite, and each number can be represented in various ways.	• What is a unit fraction? • How can fractions be used to represent numbers and their parts? • How can we represent and compare fractions using visual models? • How can we represent equivalent fractions?	Getting to the Core Fraction Unit HM Chapter 15
Unit 7: Multiply Greater Numbers (Number & Operations Base Ten)	3 weeks March/April	Calculate the area of the classroom.			HM Chapter 19
Unit 8: Represent & Interpret Data (Measurement and Data)	2 weeks April/May		Objects can be described, classified, measured, and analyzed based on their attributes.		HM Chapter 22
Unit 9: Weight, Mass & Capacity (Measurement and Data)	3 weeks May/June	Calculate the volume of a tank of water, by measuring in centimeters and converting to liters.	Objects can be described, classified, and analyzed based on their properties (attributes).		HM Chapters 27, 28 FOSS Measurement Kit

Topics no longer an expectation for third grade: probability, statistics

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