Subject: Math	Grade: 2

Time Frame	Essential Question	Topic	Content	Resources	Assessments	Standards
September	How do I use addition and subtraction within 100 to solve one-and two-step word problems? Can I fluently add within 20?	Topic 1: Understanding Addition Topic 2: Subtraction and using Addition Strategies	To visualize addition, children will write sentences and solve problems about joining. They will use different strategies to solve problems. To visualize subtraction they will solve and write problems about separating and comparing.	Envision math topics 1 and 2 Teacher provided activities and games Math manipulatives	Topic 1 and 2 assessments Exit tickets Fast math facts assessments Ongoing observation	2.OA.1 2.OA.2 2.NBT.9 2.NBT.5
October	How do I fluently subtract within 20? How can I show addition using arrays and number sentences?	Topic 3: Subtraction Strategies Topic 4: Working with equal groups	Addition and subtraction have an inverse relationship. Students will use more than one algorithm to solve problems. Repeated addition involves joining equal groups which can be shown using arrays.	Envision math topics 3 and 4 Teacher provided activities and games Math manipulatives	Topic 3 and 4 assessments Exit tickets Ongoing observation	2.OA.1 2.OA.2 2.NBT.5 2.NBT.9 2.OA.4
November	How do I read, write, count, and compare numbers? How do I add using strategies based on	Topic 5: Place Value to 100 Topic 6: Mental Addition	Students will read and write numbers to 99. They will represent these numbers using expanded form, using base ten models and standard forms.	Envision math topics 5 and 6	Topic 5 and 6 assessments Exit tickets	2.NBT.1 2.NBT.2 2.NBT.4 2.NBT.5 2.NBT.6

			They will compare these numbers and sue a hundreds chart to find numbers. Students will use various mental math strategies to add two-digit numbers.	Teacher provided activities and games Math manipulatives	Ongoing observation	2.NBT.8 2.NBT.9 2.OA.1
December	How do I add two-digit numbers within 100? How do I fluently subtract two-digit numbers within 100?	Topic 7: Mental Subtraction	Students will explore how differences can be found mentally using strategies based on place values and properties of operation.	Envision math topic 7 Teacher provided activities and games Math manipulatives	Topic 7 assessment Exit tickets Ongoing observation	2.NBT.5
January	How do I fluently add two-digit numbers within 100? How do I fluently subtract two-digit numbers within 100?	Topic 8: Adding two-digit numbers Topic 9: Subtracting two-digit numbers	Students will use place value and standard algorithms to solve addition and subtraction of two- digit numbers. Students will practice and use regrouping strategies for addition and subtraction. Students will use addition as a way to check the difference.	Envision math topics 8 and 9. Teacher provided activities and games Math manipulatives	Topic 8 and 9 assessments Exit tickets Ongoing observation	2.NBT.5
February	How do I read, write, and count numbers to 1,000? How do I compare two three-digit numbers? How do I add and subtract within 1,000 using models and strategies?	Topic 10: Place value to 1,000. Topic 11: Three-digit addition and subtraction.	Students will count by hundreds to 1,000. Students will use place value models to show numbers to 1,000. Students will also read and write numbers to 1,000 and compare three-digit numbers.	Envision math topics 10 and 11. Teacher provided activities and games Math manipulatives	Topic 10 and 11 assessments Exit tickets Ongoing observation	2.NBT.2 2.NBT.3 2.NBT.4 2.NBT.7
March	How do I reason with shapes and their attributes? How do I work with money?	Topic 12: Geometry Topic 13: Counting Money	Students will describe and compare shapes and solids. Students will make shapes using other shapes. Students will count collections of coins and demonstrate various ways	Envision math topics 12 and 13. Teacher provided activities and games	Topic 12 and 13 assessments	2.MD.8 2.G.1 2.G.2 2.G.3

			to show the same amount of money.	Math manipulatives		
April	How do I add and subtract money problems? How do I measure and estimate lengths in standard units?	Topic 14: Money Topic 15: Measuring Length	Students will understand that money amounts can be counted in different ways using different combinations of bills and coins. Students will understand that some problems can be solved by generating an organized list in a systematic way. Students will understand the process for measuring length such as inches and centimeters.	Envision math topics 14 and 15. Teacher provided activities and games Math manipulatives	Topic 14 and 15 assessments	2.MD.8 2.MD.1 2.MD.2 2.MD.3 2.MD.4
May	How do I work with time, represent, and interpret data?	Topic 16: Time, Graphs, and Data.	Students will learn that clocks, bar graphs, and pictographs can be used to show data and answer questions.	Envision math topics 16. Teacher provided activities and games Math manipulatives	Topic 16 assessment	2.MD.7 2.MD.9 2.MD.10
June	How do I use multiplication and division within 100 to solve word problems? How do I interpret whole-number quotients of whole numbers? Can I fluently multiply and divide within 100? WHat is a fraction? How can I categorize shapes? How do I solve real world and	Preparation for third grade	Students will learn math strategies to prepare for third grade. Students will begin to learn multiplication, division, fractions and review polygons.	Envision math "step up to third grade" Teacher provided activities and games Math manipulatives		3.OA.2 3.OA.3 3.OA.7 3.NF.1 3.MD.1 3.MD.8 3.GA.1

	mathematical problems involving shapes, perimeters of shapes, and areas of different shapes?					