

Grade 1 Math Year at a Glance (2019-2020)

In grade 1, instructional time should focus on four critical areas: (1) developing understanding of addition, subtraction, and strategies for addition and subtraction within 20; (2) developing understanding of whole number relationships and place value, including grouping in tens and ones; (3) developing understanding of linear measurement and measuring lengths as iterating length units; and (4) reasoning about attributes of, and composing and decomposing geometric shapes.

The purpose of this document is to give a general overview of topics, standards, time intervals and assessments for the year. Please reference the curriculum maps for details on implementation of each unit.

Note that the chapter on Mental Math strategies has been removed. This unit should be replaced with time spent throughout the year on [Number Talks and estimation tasks](#). The standards for mental math ([1.NBT.C.5 \[find 10 more /less than a number\]](#) and [1.OA.C.6 \[fluently add / subtract within 20\]](#) will partially be met through Number Talks. Number Talks are also a significant tool for understanding standards [1.OA.A.1](#) and [1.NBT.C.4](#), among others.

Each unit has been extended by 5 days that should be used throughout the unit for reteaching and extending as needed.

It is recommended that teachers use classroom routines / games to teach time and money throughout the year, otherwise it is not taught until June. The department believes that both time and money are best taught over the course of the year.

Units	Dates & Duration	Sessions	MiF Chapter # and Title	Include s Critical Areas?	Standards: Number; phrase	Assessment
Optional: Week of Inspirational Math 3	9/3 - 9/9	5 days	Week of Inspirational Math 3 , Grades 1-2		These activities and conversations are designed to introduce students to a positive math community, and to help students develop a positive attitude toward math and their own abilities.	
Unit 1 Ch. 1 & 2 9/10-10/8	9/10 - 9/25	10 days	Ch. 1: Numbers to 10	Yes	1.OA.C.5 - Relate counting to addition and subtraction 1.NBT.A.1 - Count to 120	FAST Screener- aMath <i>All students</i> 9/3 – 10/18
	9/26 -10/8	7 days	Ch. 2: Number Bonds	Yes	1.OA.B.3 - Apply properties of operations to add 1.OA.C.6 - Add and subtract within 20	
Unit 2 Ch. 3 & 4	10/10 - 11/5	15 days	Ch. 3: Addition to 10	Yes	1.OA.A.1 - Solve + and - word problems within 20	

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10/10-11/22					1.OA.B.3 - Apply properties of operations to add 1.OA.C.5 - Relate counting to addition and subtraction 1.OA.C.6 - Add and subtract within 20 1.OA.D.7 - Determine whether equations are true or false 1.OA.D.8 - Find any missing number in an equation	
	11/6 - 11/22	10 days	Ch. 4: Subtraction to 10	Yes	1.OA.A.1 - Solve + and - word problems within 20 1.OA.B.4 - Understand subtraction as an unknown-addend problem 1.OA.C.5 - Relate counting to addition and subtraction 1.OA.C.6 - Add and subtract fluently within 20. 1.OA.D.7 Determine whether equations are true or false 1.OA.D.8 - Find any missing number in an equation 1.NBT.A.1 - Count to 120 1.NBT.C.4 - Add within 100 by using concrete models, drawings, or strategies based on place value	
Unit 3 Ch. 5 & 7 11/25-1/15	11/25 - 12/16	11 days	Ch. 5: Shapes	Yes	1.G.A.1 - Distinguish between defining and non-defining attributes; build and draw shapes 1.G.A.2 - Compose 2 and 3 dimensional shapes 1.G.A.3 - Partition squares and circle into two and four equal shares.	By 12/20: Common Interim Assessment 1 FAST Screener- aMath <i>Optional</i> 1/2 – 1/24
	12/17 - 1/15	12 days	Ch. 7: Numbers to 20	Yes	1.OA.D.7 - Determine whether equations are true or false 1.NBT.A.1 - Count to 120 1.NBT.B.2 - Understand place value to 99 1.NBT.B.2.a - Ten can be thought of as a “bundle” of ten ones 1.NBT.B.2.b - The numbers 11-19 can be	

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					<p>thought of as a ten and some ones 1.NBT.B.2.c - 10 is one ten, 20 is two tens, etc. 1.NBT.B.3 - Use place value to compare 2-digit numbers $< > =$</p>	
Unit 4 Ch. 8 & 9 1/16-2/28	1/16 - 2/5	12 days	Ch. 8: Addition and Subtraction Facts to 20	Yes	<p>1.OA.A.1 - Solve + and - word problems within 20 1.OA.A.2 - Solve + word problems with three addends 1.OA.B.4 - Understand subtraction as an unknown-addend problem 1.OA.C.6 - Add and subtract within 20 1.OA.D.8 - Find any missing number in an equation 1.NBT.C.4 - Add within 100 by using concrete models, drawings, or strategies based on place value</p>	
	2/6 – 2/28	8 days	Ch. 9: Length	Yes	<p>1.MD.A.1 - Order and compare 3 objects by length 1.MD.A.2 - Measure the length of an object using non standard units</p>	
Unit 5 Ch. 11, 12, & 16 3/2-4/17	3/2 - 3/17	10 days	Ch. 11: Picture Graphs and Bar Graphs	Yes	<p>1.OA.A.1 - Solve + and - word problems within 20 1.OA.D.8 - Find any missing number in an equation 1.MD.C.4 - Represent and interpret data</p>	By 3/27 Common Interim Assessment 2
	3/18 - 4/17	20 days	Ch. 12 and 16: Numbers to 40/ Numbers to 120	Yes	<p>1.OA.A.1 - Solve + and - word problems within 20 1.OA.D.8 - Find any missing number in an equation 1.NBT.A.1 - Count to 120 1.NBT.B.2 - Understand place value to 99 1.NBT.B.2.a - Ten can be thought of as a “bundle” of ten ones 1.NBT.B.2.c - 10 is one ten, 20 is two tens, etc. 1.NBT.B.3 - Use place value to compare 2-digit numbers $< > =$</p>	

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					1.NBT.C.4 and 1.NBT.C.6 - Add within 100 by using concrete models, drawings, or strategies based on place value, specifically in the following cases: adding 2 digits to 1 digit; adding a 2-digit number and a multiple of 10; subtracting multiples of 10 from multiples of 10 (ie: 70-40).	
Unit 6 Ch. 15 & 19 4/27-6/3	4/27 - 5/15	10 days	Ch. 15/19: Calendar and Time/Money		1.MD.B.3 - Tell and write time in hours and half hours 1.MD.D.5 - Identify the values of all US coins and find equivalent values	FAST Screener- aMath 5/18 - 6/5 OPTIONAL
	5/18 - 6/3	8 days	Cumulative Review; if time allows, you can explore chapters 13 and 17; these have been left to the end because for the most part, these chapters exceed the grade 1 standards and get into second grade focus areas.			