

MS SAVE Math Pacing Guide

Course: MS SAVE Math

Grade: 7th & 8th

<u>Months/Days</u>	<u>UNITS</u>	<u>STANDARDS</u>	<u>CONTENT</u> Topics being covered? What do students need to know? (<i>nouns</i>)	<u>ASSESSMENTS</u> What evidence (formative/summative) is utilized to establish that the content, standards, & skills have been mastered?
September - October: (Instruction is ongoing and supported throughout the school year based on individual needs)	Module 1: Adding and Subtracting within 50	<p>Standards are based on the linkage levels of the DLM Essential Elements:</p> <p>2.OA.1 2.OA.2 2.NBT.4 2.NBT.5 2.NBT.6 2.NBT.7 2.NBT.9</p>	<p>Topic: Adding and Subtracting</p> <ul style="list-style-type: none"> • Understand place value models • Know the Touching/Counting Patterns for 1-9 • Be familiar with comparison symbols ($>$, $<$, and $=$) • To add and subtract within 50 • Module Academic Vocabulary • To use strategies to add and subtract • To solve addition and subtraction word problems • To add and subtract 2-digit and 1 digit numbers • To add and 	<ul style="list-style-type: none"> • Weekly participation rubrics • Exit Tickets • Guided Practice • Independent Practice Worksheets • Quizzes • Tests (Exams will be given in students' mode of communication) • Projects • Centers • Teacher observations • Self/Peer Reflection

			subtract 2 - digit numbers <ul style="list-style-type: none"> • To add with multiple addends • Identify tens and ones in one-digit and two-digit numbers 	
October - November : (Instruction is ongoing and supported throughout the school year based on individual needs)	Module 2: Adding and Subtracting with Regrouping	Standards are based on the linkage levels of the DLM Essential Elements: 2.OA.1 2.OA.2 2.NBT.1 2.NBT.3 2.NBT.4 2.NBT.5 2.NBT.6 2.NBT.7 2.NBT.9	Topic: Adding and Subtracting with Regrouping <ul style="list-style-type: none"> • Be familiar with Ten Frames • Identify place value and be familiar with place value models • Understand comparison symbols ($>$, $<$, and $=$) • Module Academic Vocabulary • Be familiar with multiples of 10 • Be able to model problems with base 10 blocks • To add and subtract with regrouping using models • To add and 	<ul style="list-style-type: none"> • Weekly participation rubrics • Exit Tickets • Guided Practice • Independent Practice Worksheets • Quizzes • Tests (Exams will be given in students' mode of communication) • Projects • Centers • Teacher observations • Self/Peer Reflection

			subtract with regrouping using TouchPoints <ul style="list-style-type: none"> • To add and subtract with regrouping using strategies • To solve addition and subtraction word problems with regrouping 	
November - January: (Instruction is ongoing and supported throughout the school year based on individual needs)	Module 3: Adding and Subtracting Within 100	Standards are based on the linkage levels of the DLM Essential Elements: 2.OA.1 2.OA.2 2.NBT.1 2.NBT.3 2.NBT.4 2.NBT.5 2.NBT.6 2.NBT.7 2.NBT.9	Topic: Understanding Place Value: Hundreds, Tens, Ones <ul style="list-style-type: none"> • To represent numbers with base 10 blocks • To represent numbers with place value form • To represent numbers with place value charts • To solve problems using place value • Use module academic vocabulary Topic: Counting and Reading to 1,000 <ul style="list-style-type: none"> • To count and read 	<ul style="list-style-type: none"> • Weekly participation rubrics • Exit Tickets • Guided Practice • Independent Practice Worksheets • Quizzes • Tests (Exams will be given in students' mode of communication) • Projects • Centers • Teacher observations • Self/Peer Reflection

			<p>numbers to 1,000</p> <ul style="list-style-type: none"> • To solve problems with numbers to 1,000 • Understand place value to 999 • Count by fives and tens • Correctly identify numbers that are greater/lesser and more/less than a given number • Use module academic vocabulary <p>Topic: Reading and Writing to 1,000</p> <ul style="list-style-type: none"> • To read and write numbers by 5s, 10s, and 100s • To read and write numbers to 1,000 • To practice counting from any number • Use module academic vocabulary <p>Topic: Understanding Multiplication</p> <ul style="list-style-type: none"> • To use pictures to multiply 	
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			<ul style="list-style-type: none"> • To use repeated addition with arrays • To use repeated addition with TouchPoints • To skip count by 2s, 3s, 4s, and 5s • Use module academic vocabulary <p>Topic: Adding within 100</p> <ul style="list-style-type: none"> • To add within 100 with regrouping using models and visual cues • To add within 100 • To solve addition word problems within 100 <p>Topic: Subtracting Within 100</p> <ul style="list-style-type: none"> • To subtract with regrouping using models and visual cues • To subtract within 100 • To solve subtraction word problems within 100 	
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<p>January - April: (Instruction is ongoing and supported throughout the school year based on individual needs)</p>	<p>Module 4: Adding and Subtracting Within 1,000</p>	<p>Standards are based on the linkage levels of the DLM Essential Elements:</p> <p>2.OA.1 2.OA.2 2.OA.3 2.OA.4 2.NBT.1 2.NBT.3 2.NBT.4 2.NBT.5 2.NBT.6 2.NBT.7 2.NBT.8 2.NBT.9</p>	<p>Topic: Adding and Subtracting Multiples of 10 and 100</p> <ul style="list-style-type: none"> • To add and subtract multiples of 10 • To add and subtract multiples of 100 • Use academic module vocabulary <p>Topic: Adding and Subtracting Within 100</p> <ul style="list-style-type: none"> • To add and subtract with strategies • To use strategies to solve addition and subtraction word problems • Be familiar with number families and expanded notation • Use academic module vocabulary <p>Topic: Adding 3-Digit Numbers</p> <ul style="list-style-type: none"> • To add 3-digit numbers with regrouping using models and visual cues 	<ul style="list-style-type: none"> • Weekly participation rubrics • Exit Tickets • Guided Practice • Independent Practice Worksheets • Quizzes • Tests (Exams will be given in students' mode of communication) • Projects • Centers • Teacher observations • Self/Peer Reflection
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			<ul style="list-style-type: none"> • To add 3-digit numbers • To use problem solving strategies to solve addition problems • Use academic module vocabulary <p>Topic: Subtracting 3-Digit Numbers</p> <ul style="list-style-type: none"> • To subtract 3-digit numbers with regrouping using models and visual cues • To subtract 3-digit numbers • To use problem solving strategies to solve subtraction problems <p>Topic: Adding and Subtracting 3-Digit Numbers</p> <ul style="list-style-type: none"> • To add and subtract a 1- or 2-digit number and a 3-digit number • To add and subtract 3-digit numbers • To use problem solving strategies 	
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			<p>to solve addition and subtraction problems with 3-digit numbers</p> <ul style="list-style-type: none"> • Use academic module vocabulary <p>Topic: Reviewing Multiplication</p> <ul style="list-style-type: none"> • To find odd and even numbers using pairs • To find odd and even numbers using equal addends • To use arrays to multiply • To solve multiplication word problems • Use academic module vocabulary 	
<p>April - June: (Instruction is ongoing and supported throughout the school year based on individual needs)</p>	<p>Module 5: Time, Money, Measurement, Data and Geometry</p>	<p>Standards are based on the linkage levels of the DLM Essential Elements:</p> <p>2.NBT.2 2.MD.1 2.MD.2 2.MD.3</p>	<p>Topic: Telling Time</p> <ul style="list-style-type: none"> • To identify time using a.m. and p.m. • To tell and write time to the half hour and to five minutes • To read, write, and select time 	<ul style="list-style-type: none"> • Weekly participation rubrics • Exit Tickets • Guided Practice • Independent Practice Worksheets • Quizzes • Tests (Exams)

		2.MD.4 2.MD.5 2.MD.6 2.MD.7 2.MD.8 2.MD.9 2.MD.10 2.G.1 2.G.2 2.G.3	<ul style="list-style-type: none"> • Understand midnight and noon • Use academic module vocabulary <p>Topic: Learning about Money</p> <ul style="list-style-type: none"> • To identify coins and dollar bills • To count coin values • To count mixed coin values • To find money values • To solve money word problems • Use academic module vocabulary <p>Topic: Representing and Interpreting Data</p> <ul style="list-style-type: none"> • Collect and read data • Identify column and rows • Order numbers from least to greatest • To create and interpret picture graphs and bar graphs • To collect, organize, and 	<p>will be given in students' mode of communication)</p> <ul style="list-style-type: none"> • Projects • Centers • Teacher observations • Self/Peer Reflection
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			<p>interpret data on a line plot</p> <ul style="list-style-type: none"> • Use academic module vocabulary <p>Topic: Measuring, Comparing, and Estimating Length</p> <ul style="list-style-type: none"> • Measure the length of objects using nonstandard units • Order numbers from least to greatest • Have basic estimation experience • To estimate and measure the length of an object using standard measurement • To estimate and measure the length of an object using metric measurement • Use academic module vocabulary <p>Topic: Relating Addition and Subtraction to Length</p> <ul style="list-style-type: none"> • To add and subtract line lengths 	
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			<ul style="list-style-type: none"> • To represent sums and differences on number lines • Use academic module vocabulary <p>Topic: Reasoning With Shapes</p> <ul style="list-style-type: none"> • Recognize and name triangles, rectangles, and circles • Use a ruler or straightedge to draw a line • To recognize and draw triangles • To recognize and draw other shapes • To partition rectangles into same-size squares • To partition shapes into fractional parts • Use academic module vocabulary 	
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