



SUMTER COUNTY INTERMEDIATE SCHOOL

Dr. April Smith, Principal

Mr. Jeffery Boges, Assistant Principal
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2020-2021 1st Nine Weeks Expectations 6th Grade Math

Students should be able to...

Focus Skills

- Fluently multiply multi-digit whole numbers.
- Divide a whole number of up to four digits by a 2-digit whole number using one of various strategies.
- Explain the pattern in the placement of the decimal point when multiplying or dividing decimals by powers of 10.
- Read and write a decimal through thousandths in any form.
- Compare two decimals through thousandths.
- Add decimals through hundredths using one of various strategies.
- Subtract decimals through hundredths using one of various strategies.
- Multiply decimals through hundredths using one of various strategies.
- Divide decimals through hundredths using one of various strategies.

In Unit 1 (Area & Surface Area)

- Find area of right triangles, other triangles, quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.
- Write expressions that record operations with numbers and with letters standing for numbers.
- Evaluate expressions at specific values for their variables. Include expressions that arise from formulas in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).
- Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real world and mathematical problems.

Karate Math

- Fluently multiply basic facts. (0-10)



Sumter County Intermediate School



“Motivated, Visionary, Problem-Solvers”

SCIS 6th Grade Math Curriculum Map

1 st 9 weeks		2 nd 9 weeks	
Focus Skills MGSE5.NBT.5 MGSE5.NBT.6 MGSE5.NBT.2 MGSE5.NBT.3A MGSE5.NBT.3B MGSE5.NBT.7	Unit 1: Area and Volume MGSE6.G.1 MGSE6.G.2 MGSE6.G.4	Unit 2: Introducing Ratios MGSE6.RP.1 MGSE6.RP.2 MGSE6.RP.3 MGSE6.RP.3a	Unit 3: Unit Rate and Percentages MGSE6.RP.3b MGSE6.RP.3c MGSE6.RP.3d
			Unit 4: Dividing Fractions MGSE6.NS.1 MGSE6.NS.2

6th Grade Math Pacing Guide 2020-2021

AUGUST 2020

July 2020

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

September 2020

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	First Day of 17 School	18	19	20	21	22
	Rituals and Routines	Rituals and Routines	Rituals and Routines	Rituals and Routines	Rituals and Routines	
	Interactive math activities	Interactive math activities	Interactive math activities	Interactive math activities	Interactive math activities	

6th Grade Math Pacing Guide 2020-2021

23	24	25	26	27	28	29
	Addition Subtraction Problem Solving MGSE3.NBT.2					
30	31					
	Fluently multiply multi-digit whole numbers MGSE5.NBT.5					

6th Grade Math Pacing Guide 2020-2021

August 2020

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER 2020

October 2020

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
		Fluently multiply multi-digit whole numbers MGSE5.NBT.5	Fluently multiply multi-digit whole numbers MGSE5.NBT.5	Fluently multiply multi-digit whole numbers MGSE5.NBT.5	Planning/Parent Conferences Remediation	
	7 Labor Day	8	9	10	11	12
		Read and write a decimal through thousandths MGSE5.NBT.3A	Add decimals through hundredths MGSE5.NBT.7	Subtract decimals through hundredths MGSE5.NBT.7	Planning/Parent Conferences/ Remediation	
13	14	15	16 Progress Report	17	18	19

6th Grade Math Pacing Guide 2020-2021

	Multiply a fraction by a fraction MGSE5.NF.4	Multiply fractions and mixed numbers in context MGSE5.NF.6	Multiply fractions and mixed numbers in context MGSE5.NF.6	Multiply fractions and mixed numbers in context MGSE5.NF.6	Planning/Parent Conferences/ Remediation	
20	21 Unit 1 : Area and Surface Area <u>Lesson 1: Tiling the Plane</u> SD1.1	22 <u>Lesson 2: Finding Area by Decomposing and Rearranging</u> SD1.2	23 <u>Lesson 3: Reasoning to Find Area</u>	24 Early Release/Parent Conferences	25 Planning/Parent Conferences/ Remediation	26
27	28 <u>Lesson 5: Bases and Height of Parallelograms</u> SD1.5	29 <u>Lesson 6: Area of Parallelograms</u> SD 1.6	30 <u>Lesson 7 : From Parallelograms to Triangles</u> SD 1.7			

6th Grade Math Pacing Guide 2020-2021

OCTOBER 2020

September 2020

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

November 2020

S	M	T	W	T	F	S
	1	2	3	4	5	6
	8	9	10	11	12	13
	15	16	17	18	19	20
	22	23	24	25	26	27
	29	30				

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
				Lesson 8: Area of Triangles SD 1.8	Planning/Parent Conferences/ Remediation	
4	5	6	7	8	9	10
	Lesson 9: Formula for the Area of a Triangle SD 1.9	Lesson 10: Bases and Heights of Triangles SD 1.10	Mid Unit Assessment Lesson 12: What is Surface Area? SD 1.12	Lesson 13: Polyhedra SD 1.13	Planning/Parent Conferences/ Remediation	
11	12	13	14	15	16	17
	Lesson 14: Nets and Surface Area SD 1.14	Lesson 16: Distinguishing Between Surface Area and Volume SD 1.16	Lesson 17: Squares and Cubes SD 1.17	Early Release/Pro Learning	Planning/Parent Conferences/ Remediation	

6th Grade Math Pacing Guide 2020-2021

	Columbus Day					
18	19	20	21	22	23	24
	End of 1st Nine Weeks Lesson 18: <u>Surface Area of Cube</u> <u>SD 1.18</u>	Unit 1 Review	Report Cards Unit 1 Review	Unit 2: Introducing Ratios <u>Unit 1 Test</u>	Planning/Parent Conferences/ Remediation	
25	26	27	28	29	30	31
	Unit 2: Introducing Ratios Lesson 1: Introducing Ratios and Ratio Language <u>SD 2.1</u>	Lesson 2: Representing Ratios with Diagrams <u>SD 2.2</u>	Lesson 3: Recipes <u>SD 2.3</u>	Lesson 4: Color Mixture <u>SD 2.4</u>	Planning/Parent Conferences/ Remediation	Halloween