Whiten/Fahnestock/White/ Math /6 / October 2-6			Week 9		
Standard(s)	MGSE6.RP.3c Find a percent of a quantity as a rate per 100 (e.g. 30% of a quantity means 30/100 times the quantity); given a percent, solve problems involving finding the whole given a part and the part given the whole.		 MGSE6.RP.1 Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities. MGSE6.RP.2 Understand the concept of a unit rate a/b associated with a ratio a:b with b ≠ 0 (b not equal to zero), and use rate language in the context of a ratio relationship. MGSE6.RP.3 Use ratio and rate reasoning to solve real-world and mathematical problems utilizing strategies such as tables of equivalent ratios, tape diagrams (bar models), double number line diagrams, and/or equations. MGSE6.RP.3a Make tables of equivalent ratios relating quantities with whole number measurements, find missing values in tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios. MGSE6.RP.3b Solve unit rate problems including those involving unit pricing and constant speed. MGSE6.RP.3c Find a percent of a quantity as a rate per 100 (e.g. 30% of a quantity means 30/100 times the quantity); given a percent, solve problems involving finding the whole given a part and the part given the whole. MGSE6.RP.3d Given a conversion factor, use ratio reasoning to convert measurement units within one system of measurement and between two systems of measurements (customary and metric); manipulate and transform units appropriately when multiplying or dividing quantities. For example, given 1 in. = 2.54 cm, how many centimeters are in 6inches? 		
Essential	Monday	Tuesday	Wednesday	Thursday	Friday
questions	What are percentages?	How do I solve and	• How can models be		
Or		interpret solutions of	used to solve percent	See unit plan	See unit plan
"I Can"		problems?	How do I apply		
statements			mental math strategies to solve percent problems?		
Warm-up	#37	#38	#39	#40	#41
Opening	Return graded paper	https://www.youtube.c	http://www.mathplaygr		
	with fraction grade. How	om/watch?v=HM2RDtN	ound.com/howto_finds		
	do you find your %?	<u>h/Ak</u>	aleprice.html	roviou homowork	continuo 2 vorsatilo
Work Session	-Intro to %	chart	-smart lesson (using	-review nomework	activity sheets
		-finding percent of a	percent proportion)	sheets	-% problems matching
		number	-3 examples in notes		puzzle (for anyone that
11	Weekly sheet 0				finishes versatiles)
Homework	Weekly sheet 9				Wednesday
Closing	What relationship do	https://www.brainpop.c	P 349 #40 20% children		No school Monday, TEST
	fractions, decimals, and	om/math/ratioproporti	from club went to		is Wednesday!
	percents have with each	onandpercent/percents			
Materials needed	Chart copied or put in			Versatile sheets and	Practice test copied
	smart lesson for students			cases	
	to create				
Accorement for	Homework copied	Formative- checking	Formative- calling on	Formative-versatiles are	
Assessment for	students to the board to	students work	students	self-checking, but will	
understanding	fill in boxes on the chart			be collected and	
				reviewed	

Unit 2 plan https://www.georgiastandards.org/Georgia-Standards/Frameworks/6th-Math-Unit-2.pdf