MRS. BELLO 2015-2016 (Periods 2, 3,4): GEM6
Unit # 1 - Numbers: Module # 1 – Integers

DATE	Section Number and Topic	Standards/DOK	Learning Target	Instructional Time Frame
8-24-15	First day procedures			
	HW: Get rule sheet signed, get supplies, fill out emergency card and Gem Letter signature		Class activity: Fill out information sheets. Review rules and procedures.	
8-25-15	Daily Review procedures and Integers Lesson 1.1 identifying integers and their opposites	Content MAFS:6.NS.3.5/2	Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.	
	HW:get supplies		Classroom activity: Daily review procedure Spiral cw procedure	
8-26-15	Pick up Textbooks in media center			

			Class activity: textbks	
	Lesson Plan 1.2 Comparing and Ordering Integers	Content **MAFS:6.NS.3.7b/2** **MAFS:6.NS.3.7/2** **MAFS:6.NS.3.7a/2** Practice **MP.5.1**Using tools.	Write, interpret, and explain statements of order for rational numbers in real-world contexts. Understand ordering and absolute value of rational numbers. Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.	1 Day
	HW: Page 10,11,12		Class Activity:daily review and lesson 1 and 2 text book problems. Tear out unit 1 textbook papers for binders.	
8-27-15	**Lesson Plan 1.3** Absolute Value	Content **MAFS:6.NS.3.7c/2** **MAFS:6.NS.3.7/2** **MAFS:6.NS.3.7d/2** Practice **MP.4.1**Reasoning.	Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation. Understand ordering and absolute value of rational numbers. Distinguish comparisons of absolute value from statements about order.	1 Day
	HW:17,18,23,24 study for module 1 quiz		Classroom Activty: daily review, review hw and Textbook guided practice	
8-28-15	**Review and Assess module 1**		**Quiz over Module 1**	1 Day
	HW: Page 26 and 28 due Tuesday		Class activity: Review hw and do module 1 quiz	
8-31-15	**Common Assessment pre test**			

	HW:none		Class activity:	

MRS. BELLO 2015-2016 (Periods 2,3,4): GEM6
Unit # 1 - Numbers
Module # 2 – Factors and Multiples

	Section Number and Topic	Standards/DOK	Learning Target	Instructional Time Frame
9-1-15	**Lesson Plan 2.1** Greatest Common Factor	<u>Content</u> **MAFS:6.NS.2.4/2** <u>Practice</u> **MP.2.1**Reasoning.	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1–100 with a common factor as a multiple of a sum of two whole numbers with no common factor.	1 Day
	HW: pg 35-36 evens only..		Classroom activity: daily review, review hw and White board for practice on Lesson 2.1	
9-2-15	**Discipline Assembly pd2 Pd 3,4 review USA Prep**			
	HW: page 35 and 36 ODDS		Class activity: Periods 3 and 4: Daily review. Review HW, practice more GCF	
9-3-15	**Lesson Plan 2.2** Least Common Multiple	<u>Content</u> **MAFS:6.NS.2.4/2** <u>Practice</u> **MP.8.1**Patterns.	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1–100 with a common factor as a multiple of a sum of two whole numbers with no common factor.	1 Day

	HW: Page 39 and 40 evens only		Classroom activity: Daily review, go over hw, textbook activity on l.c.m.	

MRS. BELLO 2015-2016 (Periods 2,3,4): GEM6
Unit # 1 - Numbers
Module # 3 – Rational Numbers

	Section Number and Topic	Standards/DOK	Learning Target	Instructional Time Frame
9-4-15	**Lesson Plan 3.1** Classifying Rational Numbers	Content **MAFS:6.NS.3.6/2** Practice **MP.3.1**Logic.	Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates.	1 Day
	Lesson Plan 3.2 Identifying Opposites and Absolute Value of Rational Numbers	Content **MAFS:6.NS.3.6c/2** **MAFS:6.NS.3.6/2** **MAFS:6.NS.3.6a/2** Practice **MP.4.1**Modeling	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane. Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates. Recognize opposite signs of numbers as indicating locations on opposite sides of 0 on the number line; recognize that the opposite of the opposite of a number is the number itself, e.g., −(−3) = 3, and that 0 is its own opposite.	1 Day
	HW:page 51-52 and 57-58 evens only		Class activity: review mod 1 quiz, go over hw and textbook lessons 3.1 and 3.2	

9-8-15	**Lesson Plan 3.3** Comparing and Ordering Rational Numbers	<u>Content</u> **MAFS:6.NS.3.7a/2** **MAFS:6.NS.3.7/2** **MAFS:6.NS.3.7b/2** <u>Practice</u> **MP.4.1**Modeling	Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram. Understand ordering and absolute value of rational numbers. Write, interpret, and explain statements of order for rational numbers in real-world contexts.	1 Day
	HW:page 62,63,and evens only		Class Activity: Daily review, go over hw,textbook lesson 3.3.	
9-9-15	**Review**		**Review Unit 1 - Numbers**	1 Day
	HW:page 71 and 72 all… Get pinnacle sheet signed.		Class activity:daily review, go over hw and review for unit test	
9-10-15	**Assess unit 1 test**		**Assess Unit 1 - Numbers**	1 Day
	HW: page 74 and 76 all		Class activity: go over hw and Unit 1 test	

MRS. BELLO 2015-2016 (Periods 2,3,4): GEM6
Unit # 2 – Number Operations
Module # 4 – Operations with Fractions

Date	Section Number and Topic	Standards/DOK	Learning Target	Instructional Time Frame
9-11-15	**Lesson Plan 4.1** Applying GCF and LCM to Fraction Operations	<u>Content</u> **MAFS:6.NS.2.4/2** <u>Practice</u> **MP.5.1**Using tools	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1–100 with a common factor as a multiple of a sum of two whole numbers with no common factor.	1 Day
	HW:page 82,83,84 evens and get daily review and assessment assignment signed.		Class activity: daily review, go over hw, textbook lesson 4.1	
9-15-15	**Lesson Plan 4.2** Dividing Fractions	<u>Content</u> **MAFS:6.NS.1.1/2** <u>Practice</u> **MP.4.1**Modeling	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	1 Day
	Lesson Plan 4.3 Dividing Mixed Numbers	<u>Content</u> **MAFS:6.NS.1.1/2** <u>Practice</u> **MP.4.1**Modeling	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	1 Day
	HW: page 89,90 evens and page 95 all		Class activity:daily review, review hw,corrections on Unit 1 test, lesson4.2 and 4.3 in textbook	

9-16-15	**Lesson Plan 4.4** Solving Multistep Problems with Fractions and Mixed Numbers	<u>Content</u> **MAFS:6.NS.1.1/2** <u>Practice</u> **MP.1.1**Problem Solving	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	1 Day
	HW:page 99-100 #3-10		Class activity: review hw	
9-17	**EARLY RELEASE Review mod 4/POST TEST**		Class activity pds 3,4 review for mod 4 quiz on USA TEST PREP and take post test	
	HW: page 102 all and mod 1-4 usa test prep			
9-18-15	**Mod 4 Test**			
	HW: page 101 and 104 and USA test prep unit 1 post test		Class activity: review hw and mod 4 quiz	

MRS. BELLO 2015-2016 (Periods 2,3,4): GEM6
Unit # 2 – Number Operations
Module # 5 – Operations with Decimals

DATE	Section Number and Topic	Standards/DOK	Learning Target	Instructional Time Frame
9-21-15	**Lesson Plan 5.1**	<u>Content</u> **MAFS:6.NS.2.2/1** <u>Practice</u> **MP.6.1**Precision.	Fluently divide multi-digit numbers using the standard algorithm.	1 Day
9-21-15	**Lesson Plan 5.2** Adding and Subtracting Decimals	<u>Content</u> **MAFS:6.NS.2.3/1** <u>Practice</u> **MP.2.1**Reasoning	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	1 Day
	Pg.111 #16-24 evens Page 117 #19-29 odds		Class activity: Make corrections on the mod 4 quiz. Lessons 5.1 and 5.2 in textbook.	
9-22-15	**Lesson Plan 5.3** Multiplying Decimals	<u>Content</u> **MAFS:6.NS.2.3/1** <u>Practice</u> **MP.5.1**Using tools	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	1 Day
	HW: pg 122-123 #4 -22 evens only.		Class activity: daily review, go over hw and lesson 5.3 in textbook.	
9-24-15	**Lesson Plan 5.4** Dividing Decimals	<u>Content</u> **MAFS:6.NS.2.3/1** <u>Practice</u> **MP.2.1**Reasoning	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	

			Class Activity: daily review, review hw, lesson 5.4	
9-24-15	**Lesson Plan 5.5** Applying Operations with Rational Numbers	<u>Content</u> **MAFS:6.NS.2.3/1** <u>Practice</u> **MP.1.1** Problem Solving.	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	1 Day
	HW:page 129-130 #22-30 evens page 133 #1-7 all		Class activity:	
9-25	**Review for unit test**		**Review Unit 2 – Number Operations**	
	HW: page 141-142 evens		**Class activity: page 135, 136, and study guide**	
9-28	**Assess**		**Assess Unit 2 - Number Operations**	1 Day
	HW: none		**Class activity: Unit 2 test….need more time.**	

MRS. BELLO 2015-2016 (Periods 2,3,4): GEM6
Unit # 3 – Proportionality: Ratios and Rates
Module # 6 – Representing Ratios and Rates

	Section Number and Topic	Standards/DOK	Learning Target	Instructional Time Frame
9-29-15	**Lesson Plan 6.1** Ratios	<u>Content</u> **MAFS:6.RP.1.1/2** **MAFS:6.RP.1.3/2** **MAFS:6.RP.1.3a/2** <u>Practice</u> **MP.4.1**Modeling.	Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities. Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	1 Day
	HW: page 153-154 # 11-19 all		Class activity: Tear out Unit 3 pages. Lesson 6.1 today in textbook..	
9-30-15	**Lesson Plan 6.2** Rates	<u>Content</u> **MAFS:6.RP.1.2** **MAFS:6.RP.1.3/2** **MAFS:6.RP.1.3b/2** <u>Practice</u> **MP.3.1**Logic.	Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship. Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. Solve unit rate problems including those involving unit pricing and constant speed.	1 Day
			Class Activity: New lesson 6.2	

9-30-15	**Lesson Plan 6.3** Using Ratios and Rates to Solve Problems	<u>Content</u> **MAFS:6.RP.1.3/2** **MAFS:6.RP.1.3a/2** <u>Practice</u> **MP.6.1/2**Precision.	Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	1 Day
	HW: pg 159 #10-16 evens and page 165-166 #6-16 evens		Class Activity: review hw, new lesson 6.3	
10-1-15	**Sub:review mod 6**		Class activity: Go over hw and do page 159-160 #9-15 odds and page 165-166 #7-13 odds. HW: page 167 and 168 all	
10-2-15	**Sub: mod 6 quiz**		Class activity: Go over hw answers and take mod 6 quiz	

MRS. BELLO 2015-2016 (Periods 2,3,4): GEM6
Unit # 3 – Proportionality: Ratios and Rates
Module # 7 – Applying Ratios and Rates

DATE	Section Number and Topic	Standards/DOK	Learning Target	Instructional Time Frame
10-5-15	**Lesson Plan 7.1** Ratios, Rates, Tables, and Graphs	Content **MAFS:6.RP.1.3a/2** Practice **MP.4.1**Modeling.	Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	1 Day
	HW: pg 177-178 #7-16all		Class activity: page 167 and new lesson 7.1	
10-6-15	**Lesson Plan 7.2** Solving Problems with Proportions	Content **MAFS:6.RP.1.3/2** **MAFS:6.RP.1.3b/2** Practice **MP.7.1**Using structure.	Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. Solve unit rate problems including those involving unit pricing and constant speed.	1 Day
Date	**HW:page 183 #11-19 all**		Class activity: daily review, review hw and new lesson 7.2	
10-7-15	**Lesson Plan 7.3** Converting within Measurement Systems	Content **MAFS:6.RP.1.3d/2** Practice **MP.4.1**Modeling.	Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.	1 Day

	HW:page 188 # 5-10 and page 189 #12-14 all		Class Activity:daily review, review hw and new lesson 7.3	
10-8-15	**Lesson Plan 7.4** Converting Between Measurement Systems	<u>Content</u> **MAFS:6.RP.1.3b/2** <u>Practice</u> **MP.4.1**Modeling.	Solve unit rate problems including those involving unit pricing and constant speed.	1 Day
	HW:pg 194 #9-12 all 195 #14-26 evens		Class activity: daily review, review hw and more practice 7.4	
10-9-15	**Review mod 7**			1 Day
	HW:pg page198		**Class activity :review hw and mod 6 and 7review and page 197**	

MRS. BELLO 2015-2016 (Periods 2,3,4): GEM6
Unit # 3 – Proportionality: Ratios and Rates
Module # 8 - Percents

Date	Section Number and Topic	Standards/DOK	Learning Target	Instructional Time Frame
10-12-15	**Lesson Plan 8.1** Understanding Percent AND MOD 6/7 Quiz	<u>Content</u> **MAFS:6.RP.1.3c/2** <u>Practice</u> **MP.2.1**Reasoning.	Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.	1 Day
	HW page 207-208 #8-16ALL..USA Test Prep Mod 4 assignment due Wednesday.		Class Activity: Mod 6 and 7 quiz and lesson 8.1	
10-13-15	**Lesson Plan 8.2** Percents, Fractions, and Decimals	<u>Content</u> **MAFS: 6.RP.1.3/2** <u>Practice</u> **MP.4.1**Modeling	Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations.	1 Day
	HW:pg 213-214 #7-20 all		Class activity: daily review, go over hw. and textbook lesson 8.2	
10-14-15	**Lesson Plan 8.3** Solving Percent Problems	<u>Content</u> **MAFS: 6.RP.1.3c/2** <u>Practice</u> **MP.4.1**Modeling.	Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.	1 Day
	HW:page 221 #8-28 evens		Class activity:Corrections on mod 6/7 quiz, lesson 8.3	

10-15-14	**Review**		**Review Unit 3 – Proportionality**	1 Day
	HW:page 223 and 224 all		Class activity daily review, go over hw, More lesson 8.3 with my.hrw.com online practice.	
10-16-14	**Assess Unit 3**		**Assess Unit 3 – Proportionality**	1 Day
	HW: none		**Class Activity: Unit 3 Test**	

MRS. BELLO 2015-2016 (Periods 2,3,4): GEM6
Unit # 4 – Equivalent Expressions
Module # 9 – Generating Equivalent Numerical Expressions

DATE	Section Number and Topic	Standards/DOK	Learning Target	Instructional Time Frame
10-19-15	**Lesson Plan 9.1** Exponents	<u>Content</u> **MAFS:6.EE.1.1/1** <u>Practice</u> **MP.2.1**Reasoning.	Write and evaluate numerical expressions involving whole-number exponents.	1 Day
			Class Activity: review hw, unit 4 real world video on hrw and last hrw personal math trainer for lesson 9.1	
	Lesson Plan 9.2 Prime Factorization	<u>Content</u> **MAFS:** **6.EE.1.1/1** <u>Practice</u> **MP.2.1**Reasoning.	Write and evaluate numerical expressions involving whole-number exponents.	1 Day
	HW: page 247-248 #10-22 evens page 240-242 #23-43 odds and USA TEST PREP Mod 5 due 10/28		Class Activity:, review hw, lesson 9.2 in textbook.	
10-20-15	**Lesson Plan 9.3** Order of Operations	<u>Content</u> **MAFS:** **6.EE.1.1/1** <u>Practice</u> **MP.5.1**Using tools.	Write and evaluate numerical expressions involving whole-number exponents.	1 Day

	HW:page 253-254 #7-13 all #18 and #19. And USA TEST PREP Mod 5 due 10/28		Class Activity: review hw. Lesson 9.3	
10-21-15	**Review and Assess**	Content MAFS: 6.EE.1.1/1	**Quiz over Module 9**	1 Day
	HW:page 255 and 256 all		**Class Activity: review hw….module 9 quiz**	
10-22-15	**Assess Mod 9 and USA Test Prep Monthly Assessment for Oct.**	Content MAFS: 6.EE.1.1/1		
	HW:USA TEST PREP Mod 5 due 10/28		**Class Activity: Mod Quiz and Online assessment for month of Oct.**	
10-23-15	**Teacher Planning**			