

	UNIT	Text Section / Lesson	# OF DAYS	CC	OTHER MATERIALS (notes pgs assumed)	ASSESSMENT
		Chapter 1 Pre-Test	1			
AUGUST	Chapter 1, The Language of Algebra KVHS Lesson 1 and 2	<u>1-1</u> : Variables and Expressions, KVHS 1.2	2	1.3.1	Vocab. Builder, Word Wall Strips	WS 1-1: 1-18; WS 19-26, p. 9 35-42
		<u>1-2</u> : Order of Operations, KVHS 1.3	2	5.2.1		WS 1-2: 1-15 WS 1-2: 16-27 Also -p.820, 1-21
						Quiz 1-1 & 1-2
		<u>1-3a</u> : Open Sent. (Equations)	1	5.3.1		P. 19: 14-24 Evens
		<u>1-3b</u> : Inequalities	1	5.3.1		Pgs. 19-20 37-46, 51, 52
		1.1-1.3 Practice Test	1			Practice Test
		1.1-1.3 Test & Vocab.	1			1.1-1.3 Test
		<u>1-4/1-6</u> Num. Properties; KVHS 1.4, 1.5	1	1.5.1	Foldables, Scissors	Properties WS
		<u>1-5</u> : Distributive Property & Simplifying; KVHS 2.3	1	1.5.1, 5.2.1	Give NB Checklist	Dist. Prop. Worksheet
		Review 1-4 - 1-6	1			KVHS 2.2/2.3 WS & Prop. WS
		Test 1.4-1.6 & NBs			Word Search	Test & NBs

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SEPTEMBER Chapter 2: Real Numbers		<u>2-1</u> : Rational Numbers; KVHS 1.1	2	1.1.2	1.1 KVHS (in-class) Frayer Model: Q	WS 2-1
		<u>2-2</u> : Rational #s +, -	2	1.3.1	Foldable: Integer Rules Algebra Tiles!	WS 2-2
		<u>2-3</u> : Rational #s x	1	1.3.1	Foldable: Integer Rules Algebra Tiles!	WS 2-3
		<u>2-4</u> : Rational #s division	1	1.3.1	Foldable: Integer Rules Algebra Tiles!	WS 2-4
		Integer Card Game / Review	1	1.3.1	Decks of Cards Student Groups	Group Activity
		Integer Op. Test	1			Integer Op. Test
		<u>2.1-2.4 Applications</u>	1			Applications WS
		<u>2-2/2-3/2-4</u> : Fraction/Decimal Ops.	1	1.3.1	(Graphing Calculators)	Practice WS
		<u>2-3/2-4</u> : Simplifying Alg. Express.	1	5.2.1		
		<u>2-7</u> : Square Roots and Real Numbers	1	1.1.2		P. 107: 20-49
		<u>2-7</u> : Ordering Real #s on Number Line	1	1.1.2	ORQ: ordering	P. 108: 52-72 Practice on Number Line ORQ
		Ch. 2 Review	1	CC	NB Checklist	Review Sheet
		Ch 2 Test	1	CC	Vocab. Crossword	Ch 2 Test

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SEPTEMBER	SOLVING LINEAR EQUATIONS	<u>3-1</u> : Writing Equations	1	5.3.1		WS 3-1 KVHS 3.5 ?
		<u>3-2</u> : Eqns. Use + <i>KVHS 3.1</i>	1	5.3.1	COMPUTER LAB Algebra Tiles	KVHS HW 3.1
		<u>3-2</u> : Eqns. Use - <i>KVHS 3.2</i>	1	5.3.1	COMPUTER LAB Algebra Tiles	KVHS HW 3.2
		<u>3-3</u> : Eqns. Use x and / KVHS 3.3/3.4	1	5.3.1	Algebra Tiles?	KVHS HW 3.3
		Mixed Practice	1	5.3.1		KVHS Mixed Practice
		One-Step Eqns. Test	1	5.3.1		One-Step Test
OCTOBER	SOLVING LINEAR EQUATIONS	<u>3-4</u> : Two-Step Eqn. P I <i>KVHS 4.1</i>	1	5.3.1	COMPUTER LAB	Part I Worksheet or KVHS HW 4.1
		<u>3-4</u> : Write/Solve, Cons. Int. P II	1	5.3.1		WS 3-4 or p. 146
		<u>3-4</u> : Dist. Prop. & Like Terms	1	5.3.1		KVHS P III WS
		Multiple Step Practice	1	5.3.1		Practice WS
		Multiple Step Test	1	5.3.1		Mult. Step Test
		<i>KVHS 4.2</i> : Solving Problems with Multi Steps	1	5.3.1	COMPUTER LAB	KVHS HW 4.2?
		<i>KVHS 4.3</i> : (3-5)	1	5.3.1	COMPUTER LAB	Exit Slip - do HW in class next day
		KVHS 4.3: 1-15 (in-class practice)	1	5.3.1		
		Additional Instruction (4.3) and Special Cases	1	5.3.1		Pg. 252: 11-29
		"Round Robin" Solving Equations Activity	1	5.3.1	Student Groups	In-Class Round Robin

		KVHS 4.3 Sec.(3-5)Test	1	5.3.1		KVHS 4.3 Sec.(3-5)Test
(Chapter 3 Continued on next page)						

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OCTOBER	PROPORTIONAL REASONING	<u>3-6</u> : Ratios and Proportions	3	1.4.1		Conversion WS and Application WS and ORQ
		<u>3-7</u> : Percent of Change	2	1.4.1		Text or WS 3-7
		Review 3-6 & 3-7	1	1.4.1		Review WS
		3-6/3-7 Test	1	1.4.1		3-6/3-7 Test
NOVEMBER	LESSON 10 COORDINATE PLANE & GRAPHS	<u>KVHS 10.1</u> : The Coordinate Plane (4-1)	1	3.3.1	Coordinate Plane: Taped on Floor or Side-Walk Chalk	KVHS HW 10.1
		<u>4-2</u> : Transformations	2	3.2.1	SKIP!	Textbook Resources
		<u>KVHS 10.2</u> : Solutions to an Equation	1	5.1.5	COMPUTER LAB	Exit Slip
		KVHS 10.2 HW in Class Practice	2	5.1.5		KVHS HW 10.2 and Practice Worksheet
		Check 10.2 HW and do W.S.	1			10.2 Worksheet
		Group Equations and Graphs	1	5.3.3	Student Groups Large Graph Paper	Student Group Graphs
		10.3 Intercepts of Lines	1	5.1.5	COMPUTER LAB	10.3 NTG and HW
		Quiz: 10.1-10.3	1			10.1-10.3 quiz
	Functions and Relations And Applications	2	5.1.5 5.1.1		NTG & W.S.	

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DECEMBER/JANUARY	FUNCTIONS	Functions Quiz	1			
		"Bones" Linear Activity	3	5.1.1 5.1.5	"Bones" activity W.S. Numbers Episode Cut-out Bones for Day 3 Student groups	
	LESSON 11 SLOPE	11.1 Slope: (in-class notes)	1	5.1.5	NTG, "lines", HW	
		Slope of Line Practice	1	5.1.5	Practice W.S.	
		11.2 KVHS Slope of Some Lines	1	5.1.5	COMPUTER LAB	
		11.2 Recap	1			
		11.3 KVHS Slope from a Graph	1	5.1.5	COMPUTER LAB	
		Slope Review	1	5.1.5		
		Slope Test / NB Check 10 and 11	1	5.1.5	Test	
	LESSON 12 SLOPE-INTERCEPT FORM	12.1 KVHS Slope-Intercept Form	1	5.3.3	COMPUTER LAB	
		12.1 Group Work and Graphing	1	5.3.3	W.S., large graph paper	
		Quick Quiz 12.1 and Writing Equations in $y = mx + b$	1	5.3.3	Quiz, notes, w.s.	
		Graphing lines on Graphing Calculator (intro.)	1	5.3.3	Notes page	
		12.3 KVHS Graphs of Non-linear Equations	1	5.1.5	COMPUTER LAB	
		Lesson 12 Review and Test	1-2	5.1.5	Review WS, Test	

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JANUARY/FEBRUARY	LESSON 13 WRITING LINES IN SLOPE INTERCEPT FORM	13.1: Finding Equation of a Line given slope and y-intercept	1	5.1.5	Bell Ringer 13.1 KVHS NTG (LAB) 13.1 KVHS Homework		
		13.1 Practice	1	5.1.5	Bell Ringer over 13.1 13.1 Group Practice WS		
		13.2 Finding Equation of a Line given slope and a point on the line	1	5.1.5	Bell Ringer 13.2 KVHS NTG (LAB) 13.2 KVHS Homework		
		13.2 Practice	1	5.1.5	Bell Ringer 13.2 Practice WS		
		13.4 Finding the Equation of a Line given two points on the line	1	5.1.5	13.4 Notes Page 13.4 Homework		
		Review: Writing the Equation of a Line in Slope-Intercept Form	1	5.1.5	Bell Ringer: "You Teach"		
		Lesson 13 Quiz	1	5.1.5	Quiz	Lesson 13 Quiz	
		Applications Lesson	1	5.3.3	Bell Ringer: "preparing for applications" Guided Practice WS Class Practice WS		
		LESSON 14 PARALLEL AND PERPENDICULAR LINES	14.1 Parallel Lines	1	5.1.5	Bell Ringer: Frayer Model 14.1 KVHS NTG (LAB) 14.1 Skills Practice WS	
			14.2 Perpendicular Lines	1	5.1.5	Bell Ringer: "Examining Pairs of Lines" 14.2 KVHS NTG (LAB) 14.2 Skills Practice WS	

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FEBRUARY		Review Lessons 10-14 Notebook Check 12-14	1	5.1.5	Review Packet Notebook Checklist	
		Lessons 10-14 TEST	1	5.1.5	Test	
		Scatter Plot: Application Problems Calculator Instruction	2	5.3.3	-Application Worksheets -Uncooked Spaghetti Noodles -Graphing Calculator Instructions	
MARCH	LESSON 6 INEQUALITIES	6.1 Graphs of Inequalities	1	5.3.1	Bell Ringer before 6.1 6.1 KVHS NTG (LAB) 6.1 KVHS HW	
		6.2 Addition Property of Inequalities	1	5.3.1	6.2 Notes Page 6.2 Homework	
		6.3 Multiplication Property of Inequalities	1	5.3.1	6.3 KVHS NTG (LAB) 6.3 KVHS HW 6.2/6.3 Extra Practice if needed	
		6.4 Multi-Step Inequalities	1	5.3.1	Bell Ringer before 6.4 6.4 Notes Page 6.4 Homework Optional: Lab Notes - KVHS Lesson	
		Lesson 6 Review	1	5.3.1	Bell Ringer: Lesson 6 Review WS	
		Lesson 6 Test	1	5.3.1	Test	

		<i>OPTIONAL: kvhs lessons for 7.1 and 7.2</i>				
MARCH/APRIL	LESSON 7 COMPOUND INEQUALITIES	7.1: Compound Inequalities Part I: Conjunctions	1	5.3.1	7.1 Notes Page 7.1 Homework	
		7.2 Compound Inequalities Part II: Disjunctions	1	5.3.1	Bell Ringer over 7.1 7.2 Notes Page 7.2 Homework	
		7.1/7.2 Review	1	5.3.1	Bell Ringer: "Compound Inequality Rules" 7.1/7.2 Practice WS	
		7.1/7.2 Compound Inequalities Quiz	1	5.3.1	Quiz	
APRIL	LESSONS 8 & 9 ABSOLUTE VALUE EQUATIONS	8.1: The Meaning of Absolute Value	1	5.3.1	Bell Ringer before 8.1 8.1 KVHS NTG (LAB) 8.1 KVHS HW	
		8.2: Absolute Value Equations	1	5.3.1	Bell Ringer before 8.2 Foldable 8.2 HW	
		9.1/9.2 Absolute Value Inequalities	1	5.3.1	Bell Ringer: over 8.2 Foldable 9.1/9.2 Practice WS	
		Review: 8 and 9 Notebook Check Lessons 6-9	1	5.3.1	Bell Ringer: review Notebook Checklist Review Sheet	
		Lessons 8 and 9 Test	1	5.3.1	Test	
		Testing Inequalities	1	5.3.1	Inequalities WS Finding Solutions of Inequalities Practice	

					Exit Slip	
APRIL	LESSON 14 GRAPHING INEQUALITIES	Review of $y = mx + b$	1	5.1.5	Admit Slip Notes Page Practice WS	
		14.3 Graphing Inequalities	1	5.3.3	Admit Slip Bell Ringer: skills for graphing 14.3 Notes Page 14.3 HW	
		14.3 Quiz Calculator Instruction	1	5.3.3	14.3 Quiz Graphing NTG Graphing Practice	
	SYSTEMS OF EQUATIONS	15.2 Graphs of Systems of Equations	1	5.3.4	Bell Ringer: Intro. 15.2 KVHS NTG (LAB) 15.2 KVHS HW	
		15.3 Graphing to Find Solutions	1	5.3.4	Bell Ringer over 15.2 15.3 Notes Page 15.3 HW	
		Graphing Calculator: graphing to find solution	1	5.3.4	Bell Ringer: Solving by Graphing Solving by Graphing WS	
		16.1 Substitution Method	1	5.3.4	Bell Ringer: "Introducing Substitution" before 16.1 16.1 KVHS NTG 16.1 EXIT SLIP	

		16.1 In-Class Guided Practice and Special Systems	1	5.3.4	Bell Ringer after 16.1 16.1 In-Class Examples 16.1 Substitution Practice Problems 16.1 KVHS HW (1-8)	
APRIL	SYSTEMS OF EQUATIONS	Quiz: Substitution and Graphing	1	5.3.4	Bell Ringer: review Quiz	
		17.1 Elimination Method	1	5.3.4	Bell Ringer before 17.1 17.1 KVHS NTG (LAB) 17.1 EXIT SLIP	
		17.1 Elimination Practice	1	5.3.4	Bell Ringer: Review of 17.1 17.1 KVHS HW	
		17.2 Elimination (+ and -)	1	5.3.4	Bell Ringer: before 17.2 17.2 KVHS NTG (LAB) 17.2 EXIT SLIP	
		17.2 Practice	1	5.3.4	Bell Ringer after 17.2 Practice "skills practice ws"	
		17.3 Elimination - multiplication	1	5.3.4	Bell Ringer before 17.3 17.3 KVHS NTG (LAB) 17.3 EXIT SLIP	
		17.3 Practice	1	5.3.4	17.3 KVHS HW	
		17 Elimination Method Quiz	1	5.3.4	Bell Ringer: review Quiz	
		Systems Review Notebook Check: 15, 16, 17	1	5.3.4	-Bell Ringer: "Choosing the Best Method" -Graphic Organizer	

					- Review WS - NB Checklist	
		Systems of Equations Test	1	5.3.4	Test	
MAY	LESSON 20 EXPONENTS	Systems Applications: Supply and Demand	2	5.3.4	Illuminations Lesson Plan Student Packet Graph Paper	
		20.1 Introduction to Exponents 20.2 Product of Powers	1	5.2.1	KVHS NTG 20.1 & 20.2 (LAB) KVHS HW 20.1 & 20.2	
		20.3 Power of Powers 20.4 Quotient of Powers	1	5.2.1	Bell Ringer after 20.1 & 20.2 20.3 & 20.4 KVHS NTG (LAB) 20.3 & 20.4 KVHS HW	
		Lesson 20 Practice Lesson 20 Quiz	1	5.2.1	Bell Ringer after 20.3 & 20.4 Practice WS Quiz	
		21.1 Introduction to Monomials	1	5.2.5	In-Class notes 21.2 KVHS HW	
	LESSON 21 MONOMIALS	21.2 Multiplication of Monomials	1	5.2.5	21.2 KVHS NTG (LAB) 21.2 KVHS HW	
		21.3 Division of Monomials		5.2.5	BR before 21.3 21.3 KVHS NTG (LAB) HW: practice ws	
		21.4 Scientific Method	1	5.2.5	Bell Ringer: Intro Notes Page Practice WS	
		Monomial Review	1	5.2.5	Review Sheet	

		Lesson 21 Quiz	1		Quiz	
		22.1 Introduction to Polynomials (representing with alg. Tiles)	1	5.2.3	22.1 Notes Algebra Tiles page	
MAY	LESSON 22 POLYNOMIALS	22.2 Adding and Subtracting Polynomials using alg. Tiles	1	5.2.3	BR: Tiles and Polynomials Alg. Tiles WS 22. 2 Practice WS	
		22.2 Practice	1	5.2.3	BR: review of 22.2 22.2 Practice	
		22.3 Multiplying by a Monomial		5.2.3	BR: before 22.3 22.3 KVHS NTG (LAB) 22.3 EXIT SLIP	
		22.4 Multiplying Binomials	1	5.2.3	PowerPoint Practice WS	
		22.4 Practice Notebook Check 20-22	1	5.2.3	BR over 22.4 22.4 KVHS HW Notebook Checklist	
		Lesson 22 Quiz	1	5.2.3	BR: review lesson 22 Quiz	