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FOM1 Course Outline - Plans, Notes and Homework
Unit 1 - Working with Integers and Fractions
Unit 1 Booklet

Date	Activities	Learning Goals	Practice/Homework
Monday August 26	• Introductions and Expectations • <u>Syllabus</u>, <u>Parent Information Sheet</u> • 1.1 - Integers and Absolute Value • <u>Kahoot</u>; <u>Four 4's Activity</u>;	To understand class expectations, integers, and the absolute value operation	Return the <u>Parent Information Sheet</u> and signed <u>Syllabus</u>
Tuesday August 27	• <u>LQ: Integers and Absolute Value</u> • 1.2 - Integer Addition • <u>GimKit</u> ; <u>Kahoot</u>	Apply various methods of thinking to add both positive and negative integers	Finish all problems on page 4 of the <u>UNIT 1 BOOKLET</u>
Wednesday August 28	• <u>LQ: Integer Addition</u> OR <u>Adding Integers Mystery Picture</u> • 1.3 - Integer Subtraction • <u>Quizizz</u>; <u>Kahoot</u>; <u>GimKit</u>	Apply various methods of thinking to subtract both positive and negative integers	
Thursday August 29	• <u>LQ: Integer Subtraction</u> • <u>Warm Up: pg. 7</u> • <u>Gim Kit - Multiplication Facts</u> • 1.4 - Multiplication and Division • <u>Kahoot</u>; <u>GimKit</u>		
Friday August 30	• <u>Warm Up: pg. 7</u> • <u>LQ: Multiplication and Division</u> • 1.5 - Order of Operations • <u>PEMDAS Puzzle</u>		Page 12 - Order of Operations Practice
Monday September 2	NO SCHOOL: LABOR DAY		
Tuesday	• <u>Check/Do Order of Operations Homework (p.12)</u>		

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September 3	• LQ: Order of Operations • 1.6 - Adding and Subtracting Fractions • Practice pg. 16		
Wednesday September 4	• LQ: Adding and Subtracting Fractions • 1.7 - Multiplying and Dividing Fractions • Practice		
Thursday September 5	• LQ: Multiplying and Dividing Fractions • Warm Up: 1.5 Mixed Review - Page 13 • Unit 1 Quiz Review pg. 19 • Unit 1 Checkpoint Quiz		
Friday September 6	• Finish Unit 1 Checkpoint Quiz (Quizizz for those that finished) • GimKit - Integer Operations Practice • Review the Unit 1 Checkpoint Quiz • Kahoot (Fractions)		
Monday September 7	• Extra Review Page 21 • 1.8 - Unit 1 Review in Rounds • Unit 1 Test Practice Page 30-32		
Tuesday September 8	• Unit 1 Test		

FOM1 Course Outline - Plans, Notes and Homework
Unit 2 - Variable Expressions
Unit 2 Booklet

Date	Activities	Learning Goals	Homework/Homework Quiz
Wednesday September 9	• Go over the Unit 1 Test • 2.1 - Variable Expressions pg. 1-4 • Kahoot; GimKit	To write variable expressions from mathematical words and phrases	

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Thursday September 12	• Warm Up: Pg. 5 • LQ: Variable Expressions Matching Activity • 2.2 - Distributive Property pg. 6-7 • Delta Math Practice	To use the distributive property to simplify algebraic expressions	HW: Delta Math Practice
Friday September 13	• Warm Up: Pg. 7 • LQ: Distributive Property • 2.3 - Combining Like Terms pg. 8-9 • Combining Like Terms Practice	Simplify algebraic expressions by distributing and combining like terms	Combining Like Terms Practice
Monday September 16	• Warm Up: Delta Math Practice • LQ: Combining Like Terms • 2.4 - Evaluating Expressions pg. 10-11		
Tuesday September 17	• Evaluating Expressions Mystery Game • 2.6 - Unit 2 Test Review pg. 14		
Wednesday September 18	• Unit 2 Quiz Review pg. 12-13 • 2.5 - Unit 2 Quiz • 2.6 - Unit 2 Test Review pg. 15-16 • GimKit - Multiplication Facts		
Thursday September 19	• Go over Unit 2 Quiz • Unit 2 Test Warm Up pg. 17 • 2.7 - Unit 2 Test		
Friday September 20	• Review the Unit 2 Test • Evaluating Expressions, Multiplication, Adding and Subtracting, Distributing		

FOM1 Course Outline - Plans, Notes and Homework
Unit 3 - Solving Equations
Unit 3 Booklet

Date	Activities	Learning Goals	Homework/Homework Quiz
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Monday September 23	• Warm Up: Adding, Subtracting, Multiplying, and Dividing • 3.1 - Solving One-Step Equations pg. 1-2 • One Step Equation Puzzle	To solve one-step equations for the given variable.	
Tuesday September 24	• Warm Up: Order of Operations • LQ: One-Step Equations • 3.2 - Solving Two-Step Equations pg. 3-5 • Solving Two-Step Equations Scavenger Hunt	To solve a Two-Step Equation using the reverse order of operations.	
Wednesday September 25	• Warm Up: Two-Step Equation Maze • LQ: Two-Step Equations • Kahoot: Distributing and Combining Like Terms • 3.3 - Solving Multi-Step Equations pg. 6-8	To solve multi-step equations with distribution	
Thursday September 26	• Virtual Day - Quizizz		
Friday September 27	• Virtual Day - Quizizz		
Sept 30 - Oct 11	*****SCHOOL CLOSED DUE TO HURRICANE HELENE*****		
Monday October 14	• Virtual Day - Quizizz • Virtual Day - Quizizz • GimKit - Distribute and Combine Like Terms		
Tuesday October 15	• GimKit - Distribute and Combine Like Terms • Solving Multi-Step Equations pg. 7-8 • LQ: Multi-Step Equations • 3.4 - Solving Equations with Variables on Both Sides pg.9-10		

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Wednesday October 16	• Solving Equations with Variables on Both Sides pg. 11 • LQ: Solving Equations with Variables on Both Sides • 3.5 - Solving Ratio Equations pg. 12-14 • Ratio Equations Delta Math		
Thursday October 17	• Warm Up: Solving All Equations pg 12 • LQ: Solving Ratio Equations • Kahoot • 3.6 - Modeling Problems using Equations pg. 15-19 • Modeling Practice		
Friday October 18	• Mixed Practice pg. 13 • LQ: Modeling with Equations • 3.7 - Unit 3 Quiz Review pg. 20 • 3.7 - Unit 3 Quiz		
Monday October 21	• Warm Up: Page 21 - 22 • 3.8 - Unit 3 Test Review		
Tuesday October 22	• 3.8 - Unit 3 Test		

**FOM1 Course Outline - Plans, Notes and Homework
Mid-Term Exam**

Date	Activities	Learning Goals	Homework/Homework Quiz
	• Study Guide • Kahoot (integers and fractions) • Kahoot (algebraic expressions) • Kahoot (simplifying expressions) • Mid-Term Review 1		
	• Mid-Term Review 2		

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	Mid-Term		
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FOM1 Course Outline - Plans, Notes and Homework
Unit 4 - Functions
Unit Booklet

Date	Activities	Learning Goals	Homework/Homework Quiz
Monday October 28	Coordinates and Graphs Kahoot - Dan Meyer Graphing Stories 4.1 - Introduction to Functions pg. 1-7		
Tuesday October 29	Warm Up: Function Practice pg. 5-7 Lesson Quiz: Functions Kahoot: Evaluating Expressions 4.2 - Function Notation pg. 8-10		
Wednesday October 30	Lesson Quiz: Function Notation 4.3 - More Function Notation pg. 11-14 Warm Up: Quizizz		
END OF QUARTER 1 - All Q1 work is due Wednesday October 30 NO SCHOOL Oct. 31 - Nov.3			
Monday November 4	Function Notation and Evaluating Functions Practice Independent and Dependent Variable Practice	<u>Key</u>	
Tuesday November 5	Warm Up: Function Notation Quizizz Lesson Quiz: More Function Notation 4.4 - Function Families pg. 15-19 Kahoot		
Wednesday November 6	Warm Up: Function Families Quizizz 4.4 - Function Families pg. 15-18 Lesson Quiz: Function Families pg. 19		

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Thursday November 7	• 4.5 - Writing Function Rules from Tables pg. 20-22 • 4.6 - Writing Functions from Scenarios pg. 23-25 • Quizizz		
Friday November 8	• 4.7 - Unit 4 Quiz Review pg. 26-27 • Warm Up: Quiz Review Pg. 28 • Unit 4 Checkpoint Quiz		
NO SCHOOL MONDAY NOVEMBER 11 - Veterans Day			

FOM1 Course Outline - Plans, Notes and Homework
Unit 5 - Rate of Change
Unit 5 Booklet

Date	Activities	Learning Goals	Homework/Homework Quiz
Tuesday November 12	• 5.1 - Finding Slopes from Graphs p. 1-4 • Kahoot: Types of Slope • Quizizz: Finding Slope from a Graph		
Wednesday November 13	• Warm Up: Finding Slope from a Graph • Lesson Quiz: Slope from a Graph • 5.2 - The Slope Formula p. 5-7 • Quizizz: Slope through Two Points		
Thursday November 14	• Warm Up: Finding Slope through Two Points p. 8 • Lesson Quiz: Slope through Two Points • 5.3 - Slope from a Table p. 8-10 • Quizizz: Slope From a Table		
Friday November 15	• Warm Up: Slope from a Table p. 10-11 • Lesson Quiz: Slope from a Table • 5.4 - Slope as a Rate of Change/Interpreting p. 12-13 •		

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Monday November 18	• Warm Up: Rate of Change/Interpreting Slope • Lesson Quiz: Rate of Change/Interpreting Slope • 5.5 - Slope-Intercept Form p. 14-17 • Quizizz: Slope Review		
Tuesday November 19	• Finding Slope (graph, points, equation) • Finding Slope from Tables and Interpreting Slope		
Wednesday November 20	• Lesson Quiz: Slope Intercept Form • 5.6 - Unit 5 Quiz Review p. 18-19 • Unit 5 Checkpoint Quiz		
Thursday November 21	• 5.7 - Unit 5 Test Review p. 20-21 • Unit 5 Test		

FOM1 Course Outline - Plans, Notes and Homework

Unit 6 - Linear Functions

UNIT BOOKLET

Date	Activities	Learning Goals	Homework/Homework Quiz
Monday November 25	No school - Power Outage		
Tuesday November 26	• Kahoot: Combining Like Terms • 6.1 - Converting to Slope-Intercept Form p. 1-4		
 *** NO SCHOOL - THANKSGIVING BREAK - NOV. 27- DEC. 1 *** 			
Monday December 2	• Warm Up: Slope Intercept Form p. 4 • Kahoot: Moving Terms (Literal Equations) • Quizizz: Converting to Slope-Intercept Form • Lesson Quiz: Converting to Slope-Intercept Form • 6.2 - Graphing in Standard Form p. 5-9		
Tuesday	• Virtual Day: Quizizz - Due Friday		

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December 3			
Wednesday December 4	• Warm Up: Graphing in Standard Form • Lesson Quiz: Graphing in Standard Form • 6.3 - Point Slope Form p. 10-11		
Thursday December 5	• Lesson Quiz: Point-Slope Form • 6.4 - Linear Word Problems p. 12-13 • 6.5 - Multiple Representations of Linear p. 14-15		
Friday December 6	• 6.5 - Multiple Representations of Linear p. 14-15 cont. • Lesson Quiz: Linear Word Problems/Multiple Representations		
Monday December 9	• 6.6 - Parallel and Perpendicular Lines p. 16-18 • Kahoot: Parallel or Perpendicular		
Tuesday December 10	• Lesson Quiz: Parallel and Perpendicular Lines • Unit 5 Quiz Review p. 19-21 • Unit 6 Reference Sheet • Unit 5 Checkpoint Quiz		
Wednesday December 11	• Review Quizizz • Unit 6 Review in Rounds		
Thursday December 12	• Unit 6 Reference Sheet • Unit 5 Test Review p. 22-24 • Unit 5 Test		

FOM1 Course Outline - Plans, Notes and Homework
Unit 7 - Systems of Equations
[UNIT 7 BOOKLET](#)

Date	Activities	Learning Goals	Homework/Homework Quiz
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Friday December 13	• 7.1 - Solving Systems by Graphing p. 1-4 • Quizizz: Solving Systems by Graphing		
Monday December 16	• Warm Up: Solving Systems by Graphing p. 4 • Solving Systems by Graphing Kahoot • Lesson Quiz: Solving Systems by Graphing • 7.2 - Solving Systems by Substitution p. 5-6		
Tuesday December 17	• Warm Up: Solving Systems by Substitution p. 6 • Lesson Quiz: Solving Systems by Substitution • 7.3 - Solving Systems by Elimination p. 7-8		
Wednesday December 18	• Warm Up: Solving Systems by Elimination p. 8 • Lesson Quiz: Solving by Elimination • Quizizz: Which Way to Solve • 7.4 - Solving Systems All Ways p. 9		
Thursday December 19	• Warm Up: Solving a System in All Ways • Lesson Quiz: Solving Systems in All Ways • Kahoot: Writing Linear Equations • 7.5 - System Applications p. 10-13		
Friday December 20 HALF DAY	• 7.5 - System Applications p. 10-13 • Gim Kit - Systems of Equations		
Monday January 6	• 7.6 - Solving Systems Review p. 14 • Kahoot: Solving Systems Review • Assignment: Solving Systems in All Ways		
Tuesday January 7	• Quizizz: Solving Systems • 7.6 - Solving Systems Review p. 15-17 • Unit 7 Quiz		
Wednesday	• 7.6 - Solving Systems Test Review p. 18-21		

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January 8	Unit 7 Test		
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FOM1 Course Outline - Plans, Notes and Homework
Unit 9 - Final Exam

Date	Activities	Learning Goals	Homework/Homework Quiz
Thursday January 9	<u>Q2 Review and Reference Sheet</u> <u>Q2 Review and Practice</u>		<u>FOM 1 Reference Sheet and Practice</u>
Friday January 10	<u>Q1 Review and Reference Sheet</u> <u>Q1 Review and Practice</u>		

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