

August/ September 2024

| Monday | Tuesday | Wednesday | Thursday | Friday |
|--|--|--|---|---|
| 26 1 st Day of School Introductions 2 Peas in a Pod Matching Activity Syllabus "Big Points" Hw: Get supplies | 27 Classroom Norms Unit 1 Lesson 3 1-100 numbers Activity | 28 Warm Up Pretest | 29 Unit 1 Lesson 4 Bridge #1 Survey Questions Bridge #2 Collecting Data Warmup (Broken into 2 parts) Summary/ Glossary (Complete as class - drag/drop in flip - student centered) Lesson Debrief Challenge Questions (Groups) | 30 Cool Down 1.3 (not in book - student complete on page 24) Bridge #1 Battery Life Bridge #2 Which One? Debrief - Questions in Flip Students write page 32 Activity #1 Best Representations Student Reflection |
| 2 Labor Day – No School | 3 Warmup- Practice 1.5 #3,#4 (statistical data review) Activity #1 (Lesson 5) Best Representations #4 & 5 on whiteboards Lesson 6 (Groups of 3/4) Activity #1 Broad Jump Distances Histograms Activity #2 Broad Jump Distances: Box Plot | 4 Warmup 1.6 Dot Plots Gallery Walk Students gather their own data or teacher provided data Summary/ Glossary Students study vocab for tomorrow's quiz | 5 Quiz- Cool Down 1.6 (Need to Print) Prep for Quiz Quiz (20 minutes) Lesson 1.7 Bridge 1 Suspicious Descriptions Bridge 2 Watch your Steps Practice #1,3,4,5,10,12 Reflection Question | 6 Unit 1 Lesson 8 Warm Up Distribution Shape Activity #2 Calculating Centers Debrief Questions Activity #3 Heartbeats Lesson Debrief Cool Down: Calculating Mean, Median, and IQR (Need to Print) |
| 9 | 10 Stations A, E, and F | 11 Lesson 1.11 Bridge 1 & 2 (Groups) Act 1. (Groups) Practice- #1-5, & 7 (introduce outliers) Lesson Debrief | 12 Lesson 1.12 Warm Up- Act 1#1 & 2 finish Act 1 #3 & 4 and Discuss whole group (15 min) Act 4- Groups or Pairs; Stronger/Clearer for question 2 (20 min) Act 5- In groups (20 min) Debrief (5 min) - use ? in debrief Summary/Glossary | 13 Lesson 1.13 Bridge Act 1 Practice (Small Group help)1-10 |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|---|--|--|---|--|
| 16 Warm-Up Review Vocab (5 min) Quiz Vocab (30 min) Lesson 1.14 Act 2 Act 3 #2 and 3 Debrief/ Summary | 17 Lesson 1. 15- Bridge Lesson 1.16-Act 1(Pairs) Cool down (optional) | 18 Warm Up - Bridge #1 Lesson 15 Lesson 1.17 Act 1- White Boards Unit 1 Test Review Delta Math (Foundations) | 19 Unit 1 Test Review Study Guide | 20 Unit 1 Test -One Variable Statistics CMS - Unit I Test |
| 23 Vocabulary and Combining Like Terms - Simplify Expressions/Combining Like Terms Guided notes -Lesson Check -Distributive Property Review -Lesson Check -Combine Like Terms Color by Number | 24 Words in Math, Translating Verbal Expressions Graphic Organizer - Math Words Focus on Turn Around Words Worksheet - ½ guided and ½ independent Lesson Check - Task Cards by table | 25 Early Release Day Intro to Equations 1-step and 2-step with some word problems Warm-Up: What do you remember? Guided Notes from flip Independent Practice Lesson Check Two Step Equation Maze Focus Fractions | 26 Multi-Step Equations Warm-Up: Day 1 Lesson Check Guided Notes from Flip Delta Math Assignment (Collect for work/error analysis and grade) Focus distributive property (especially by -1) | 27 No School Weather Day |

October 2024

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---|--|---|--|--|
| 30 No School Weather Day | 1 Solving Equations Delta Math Assignment | 2 Long Warm Up to Review for Quiz Quiz #1 Translating Expressions Combine Like Terms Solving 2 Step Equations | 3 Teacher Work Day No School for Students | 4 Teacher Work Day No School for Students |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|---|---|--|--|--|
| <p>7</p> <p>Solving Equations with Variables on Both Sides Warm Up - Bridge #1 (2.8) Guided Notes: Solve Equation with Variables on Both Sides in Flip Independent Practice - Digital Mystery Pixel Art - Variables on Both Sides</p> | <p>8</p> <p>Make Up Day Foundations Mastery Checks</p> <p>NMHS - ACT Day</p> | <p>9</p> <p>Equations - Error Analysis Warm-Up Bridge #2 (2.3) Activity 1: What's Acceptable (2.6) Activity 2: Explaining Acceptable Moves (2.6) Cool Down: Box of Rice and Beans (2.6)</p> | <p>10</p> <p>No Solution/Infinite Solution Bridge #1: Is it a Solution (2.5) Activity #2 Could it Be Zero? (2.5) Activity #3 It Doesn't Work? (2.6) Delta Math or Practice (2.7) #1-8 OMIT #4</p> <p>Solving Equations Review</p> | <p>11</p> <p>Quiz #1: Equations</p> <p>Warm-Up: 6 Question Review Quiz - Solving equations</p> |
| <p>14</p> <p>Word Problems Warm Up: What is a Solution? (2.4) Guided Notes: Writing and Solving Equations Word Problems Notes (All Things - Numbers, Ages, Perimeter and Consecutive Integers) Independent Practice</p> | <p>15</p> <p>Word Problems Word Problems Notes (All Things - Consecutive Integers)</p> <p>NMHS - PSAT Day</p> | <p>16</p> <p>Finish Word Problems Ages and Perimeter</p> <p>Complete HW Review from ALL Things Algebra to practice all types of word problems</p> | <p>17</p> <p>Literal Equations Warm Up: Which Equations? (2.12) Guided Notes: Literal Equations Activity #1: Rewriting Formulas Independent Practice (All Things Algebra) Cool-Down: Carnival Tickets (Lesson 12)</p> | <p>18</p> <p>Literal Equations 1. Warm Up 2. Guided Practice: Multi-Step Literal Equations</p> <p>Solve and Graph Inequalities 2. Independent Practice - complete odd's from yesterday's worksheet</p> <p>3. Practice Problems #1 - 18 (Lesson 15)</p> |
| <p>21</p> <p>Unit 2 Test Review</p> <p>Practice Problems Study Guide</p> <p>Homecoming Week 2.0</p> | <p>22</p> <p>Unit 2 Test -Equations and Inequalities</p> <p>COUNTY WALK THROUGH (AM)</p> <p>CMS - Unit 2 Test</p> | <p>23</p> <p>Activity with Statistics Review Stats in Calculator (How to key a list, find sd) Look at center and spread and the effects of the outlier 5 Number Summary</p> <p>CMS - Benchmark #1 Time Block: 10/23 -10/30</p> | <p>24</p> <p>County Benchmark #1</p> <p>Students who finish early are to work on Mastery Checks</p> <p>Homecoming Parade 4th Block (1:30)</p> | <p>25</p> <p>Complete Benchmark #1 (As Needed)</p> <p>Mastery Checks Unit 1 & Unit 2</p> <p>PEP RALLY 4th Block</p> |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|---|--|---|--|--|
| 28 Coordinate Plane and Plotting Points Guided Notes (Flip) Graphing Points Review Worksheet Slope - Graph and 2 Points Warm-Up: Plotting points picture Slope Guided Notes Be sure all students have taken Benchmark Test | 29 Writing Equations - Word Problems Lesson 3.2 Warm-Up 3.2 (In flip - not printed) Be sure all students have taken Benchmark Test | 30 Early Release Day Slope Intercept Form HOY VUX Guided Notes from Flip HOY VUX Foldable Worksheet - Graphing Lines Be sure all students have taken Benchmark Test | 31 Stained Glass Window | 1 End 1st Quarter Graphing Equations of Lines Slope Intercept Form Review of finding slope by graph and using two points Delta Math |
|---|--|---|--|--|

November 2024

| Monday | Tuesday | Wednesday | Thursday | Friday |
|--|---|--|--|---|
| 4 Teacher Work Day No School for Students | 5 Teacher Work Day No School for Students | 6 Lesson 3.3 - Graphs/Equations Bridge #2 Activity #1 Review notes in Flip on Standard Form to Slope Intercept Form Activity #2 Slope Match (Change to matching cards and add graphs to equations, y-int and slope - see notes in folder) | 7 Writing Equations of Lines in Slope Intercept Form Write equation given slope and y-intercept Write Equation given slope and a point (Guided notes - print slides) Use Point Slope Form Only | 8 Writing Equations of Lines in Slope Intercept Form Review writing an equation given a slope and point Write equation given 2 points ATA Worksheet |
| 11 Veterans Day No School | 12 Writing Equations of Lines in Slope Intercept Form Escape Room Breakout - Complete all 3 level (Finish on Wednesday) | 13 Short Quiz (Look in Drive - Include 5? 2 slope, 1 eq each type) | 14 Writing Equations of Parallel and Perpendicular Lines Guided Practice (Point Slope Formula Only) | 15 Distance and Midpoint Guided Notes Distance using Pythagorean Theorem Independent Practice |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|---|---|---|---|--|
| | | Writing Equations of Parallel and Perpendicular Lines Parallel Perpendicular Investigation (One pager) | Partner Activity Parallel/Perp Maze Modified Schedule: Homeroom | Guided Notes Midpoint (Find Endpoint, Find Midpoint) Independent Practice |
| 18 Unit 3A Test Review Study Guide Allow students to take pictures of the answer sheet to study | 19 Test Unit 3A | 20 Finish Unit 3A Test Mastery Checks 3A #1 and #2 EdPuzzle: Graphing Systems of Equations | 21 Solving Systems of Equations by Graphing Guided Notes: Graphing Systems of Equations Systems of Equations Target Practice (UFO puzzle) Solve Systems of Equations using Substitution Method (Given an $x=$ or $y=$ equation) Lesson 3.10 Activity # 4&5 Guided Notes Substitution Day 1 Kuta WS: Systems via Substitution | 22 Solve Systems of Equations using Elimination Method Guided Notes Method 3 Day 1 Elimination Method Day 1 All Things Algebra HW #5 Elimination Method |
| 25 Solve Systems of Equations using Elimination Method Lesson 3.11 Activity 2 #1-4 Guided Notes: Solving by Elimination Method 3 Day 2 All Things Algebra HW #6 Elimination Method | 26 Long Warm-Up to Review for Quiz Quiz: Systems of Equations by HAND | 27 Annual Leave Day | 28 Thanksgiving Break | 29 Thanksgiving Break |

December 2024/January 2025

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---|--|--|--|---|
| 2 Review Activity for Solving Systems of Equations - Graphing, Substitution and Elimination Short Review | 3 Review Activity for Solving Systems of Equations - Graphing, Substitution and Elimination Complete Maze | 4 Systems of Equations Word Problems Number, Coins and Age Puzzles | 5 Systems of Equations Word Problems in Desmos Graphing Single Inequalities | 6 Systems of Inequalities By Hand and Computer Word Problems - Systems of Inequalities |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|--|--|---|---|---|
| Systems of Equations Maze | Complete Mastery Checks for 3A and 3B if students finish early | | CMS - Unit 3 Test | |
| 9 Unit 3B Test Review | 10 Unit 3B Test | 11 Unit 4 - 2 Variable Statistics Average Rate of Change Scatter Plots Unit 4 - 2 Variable Statistics Correlation Coefficient (strength and direction) | 12 Unit 4 - 2 Variable Statistics Line of Best Fit Interpreting slope and y-intercept of a LOBF in context | 13 Unit 4 - 2 Variable Statistics Line of Best Fit (LOBF) Residuals Using Technology Interpreting Residuals |
| 16 Unit 4 - 2 Variable Statistics Delta Math Review Day Average Rate of Change Line of Best Fit Residuals | 17 Unit 4 - 2 Variable Statistics Putting it all Together | 18 Unit 4 - 2 Variable Statistics Test Review | 19 Unit 4 Test 2 Variable Statistics | 20 Mastery Checks Unit 3A, 3B and Unit 4 Make Up Work CMS - Unit 4 Test |
| 23 Winter Break | 24 Winter Break | 25 Winter Break | 26 Winter Break | 27 Winter Break |
| 30 Winter Break | 31 Winter Break | 1 Winter Break | 2 Teacher Work Day No School for Students | 3 Teacher Work Day No School for Students |
| 5 Midterm Review DESMOS Day 1-Vars Stats 2-Var Stats Systems Equations/Inequalities | 6 Midterm Review Solving Equations Solving Systems Distance/Midpoint Average Rate of Change | 7 Midterm Exam 1A/3A (Mastery Check/ Makeup Work) | 8 Midterm Exams 1B/3B (Mastery Check/ Makeup Work) | 9 Midterm Exams 2A/4A |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|---|--|--|---|--|
| 13 Midterm Exams 2B/4B CMS - Midterm Exam | 14 Final Exam Block 1/3 | 15 Final Exam Block 2/4 | 16 EOC Block 1 | 17 EOC Block 2/Make Ups Last Day Semester Wednesday January 24 |
| 20 MLK Day No School | 21 EOC Block 3/Make Ups Half Day | 22 EOC Block 4/Make Ups Half Day | 23 EOC Make Ups Last Day Semester Half Day | 24 First Day 2 nd Semester Teacher Work Day No School for Students |

Start of 2ND Semester

February 2025

| Monday | Tuesday | Wednesday | Thursday | Friday |
|--|--|---|--|---|
| 27 Unit 5 - Interpreting and Using Function Notation Warm-Up Guided Notes: Function Notation and Evaluating Functions Unit 5 Lesson 4 Activity 1 "Describing the Rule" Lesson 12 Activity 1 and 2 Exit Ticket | 28 Unit 5 Function Notation Continue Functions Warm-Up (Laundry Coins) Guided Notes (Domain Range given Real World Problems) | 29 Unit 5 - Domain and Range Independent Practice: Worksheet - Domain and Range from Word Problems | 30 Unit 5 - Function Review Finish Unit Work from prior days Delta Math Practice Review | 31 Unit 5 Function Notation Major Quiz |
| 3 Unit 6A Rules of Exponents Multiplication and Division | 4 Unit 6A Rules of Exponents Power to Power Zero Rule | 5 Unit 6A Rules of Exponents Negative Exponents Simplifying Multi Step Exponents | 6 Unit 6A Rules of Exponents Simplifying Multi Step Exponents | 7 Unit 6A Rules of Exponents Review of all Rules - Extended Warm-Up Mini Quiz Unit 6A (Paper Pencil Test) |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|--|--|---|--|---|
| 10 Unit 6B Introduction to Exponential Functions | 11 Unit 6B Exponential Growth | 12 Unit 6B Exponential Decay | 13 Unit 6B Arithmetic and Geometric Sequences | 14 Unit 6B Arithmetic and Geometric Sequences |
| 17 Presidents Day No School | 18 Unit 6B Review Review Rules of Exponents | 19 Unit 6B Review Focus Word Problems involving growth and decay Students be able to identify growth rate or decay rate given an equation | 20 Unit 6A/6B Test Exponents and Exponential Functions | 21 Comparing Exponential and Linear Functions |
| 24 Comparison Matrix | 25 Comparison Matrix | 26 Unit 7A Operations with Polynomials Addition, and Subtraction | 27 Unit 7A Operations with Polynomials Addition, and Subtraction Perimeter Problems | 28 Unit 7A Operations with Polynomials Multiplication |

March 2025

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---|--|--|---|---|
| 3 Unit 7A Operations with Polynomials Multiplication Area Problems | 4 Unit 7A Operations with Polynomials Polynomial House Project | 5 Unit 7A Operations with Polynomials Polynomial House Project | 6 Unit 7A Operations with Polynomials Test Review - Delta Math or Worksheet | 7 Unit 7A Operations with Polynomials Test |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|---|--|--|---|---|
| 11 | 12 | 13 Early Release Day Benchmark Review Day | 14 Benchmark Review Day | 15 Benchmark Review Day |
| 18 Benchmark Review Day | 19 Benchmark Review Day | 20 Mid Year Benchmark | 21 Finish Benchmark FOM Mastery Check Day Make Up Day | 22 Finish Benchmark FOM Mastery Check Day Make Up Day |
| 25 3rd Quarter Make Up Day Complete all Mastery Checks in Delta | 26 Project - Review Past Units Crossing the River? Choice Board? Comparison Menu? | 27 Project - Review Past Units | 28 Last Day 3rd Qtr Project - Review Past Units | 29 Teacher Work Day No School for Students |

April 2025

| Monday | Tuesday | Wednesday | Thursday | Friday |
|----------------|----------------|----------------|----------------|----------------|
| 1 Spring Break | 2 Spring Break | 3 Spring Break | 4 Spring Break | 5 Spring Break |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|--|---|---|---|--|
| 8 Unit 7B Factor by GCF Part I | 9 Unit 7B Factor by GCF Part II | 10 Unit 7B Factor by Grouping Factor Trinomials Part III | 11 Unit 7B Factor Trinomials | 12 Unit 7B Factor Trinomials |
| 15 Unit 7B Factor Trinomials Review Special Cases Brochure | 16 Unit 7B Factor Trinomials Brochure | 17 Unit 7B Factor Trinomials Unit Test | 18 Unit 7C Solve by Factoring Equations to find Roots | 19 Unit 7C Key Features (AOS, Vertex, Zeros/Roots, Intercepts) Graph given Factored Equation |
| 22 Unit 7C Key Features (AOS, Vertex, Zeros/Roots, Intercepts) Graph given Factored Equation | 23 Unit 7C Vertical Motion | 24 Unit 7C Vertical Motion | 25 Unit 7C Review for Unit 7 Test | 26 Unit 7C Test |
| 29 EOC Review Packet | 30 EOC Review Game Jeopardy | 1 EOC Review Packet COLLECT Packets - Students will lose over the next weeks and completing on 5/13 | 2 MOCK EOC Adjusted Released | 3 MOCK EOC Adjusted Released |

May/June 2025

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|--|---|--|
| 6 Review Released EOC Solving Systems by Hand (No Calculator - Writing Systems Equations and | 7 Review Released EOC Statistics Review - All steps in Desmos | 8 Review Released EOC Factoring | 9 Review Released EOC Exponents and Exponential Functions | 10 Review Released EOC Linear Functions, Parallel/Perpendicular, Equations of Lines |

Foundations of Math I - Fall 2024-25 School Year

| | | | | |
|--|--|--|---|---|
| Inequalities with no solving) | | | | |
| 13 EOC Review Packet | 14 EOC Review Game | 15 EOC Review Game | 16 MOCK EOC Adjusted Parallel Exam | 17 MOCK EOC Adjusted Parallel Exam |
| 20 Review Parallel EOC EOC Review | 21 Review Parallel EOC EOC Review Game | 22 Review Parallel EOC EOC Review | 23 Review Parallel EOC EOC Review Game | 24 Review Parallel EOC EOC Review |
| 27 Memorial Day No School | 28 EOC Review - Exponential, Sequences Teacher Made Exams | 29 EOC Review - Statistics (Focus on Calculator) Teacher Made Exams | 20 EOC Review - Linear Teacher Made Exams | 31 EOC Review - Quadratic Teacher Made Exams --- |
| 3 1st Block EOC Exam | 4 2nd Block EOC Exam | 5 3rd Block EOC Exam | 6 4th Block EOC Exam | 7 Last Day 4th Qtr Make Up EOC |