Algebra 1 Pacing Calendar

2024-2025 School Year

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| **September** | **October** |
| **Su** | **1** |  | **Tu** | **1** | Solving Equation with the Distributive Property |
| **Mo** | **2** |  | **We** | **2** | Word Problem one Step Equation |
| **Tu** | **3** | First Day of Class Routins | **Th** | **3** |  |
| **We** | **4** | Class Rules/Routines  | **Fr** | **4** |  |
| **Th** | **5** | 6th Grade: Power and Expression  | **Sa** | **5** |  |
| **Fr** | **6** | Order of Operations | **Su** | **6** |  |
| **Sa** | **7** |  | **Mo** | **7** | Review Day for the Benchmark # 1 |
| **Su** | **8** |  | **Tu** | **8** | First Benchmark  |
| **Mo** | **9** | Prime Factorization | **We** | **9** | Word Problem two step equation. |
| **Tu** | **10** | Exam Diagnostic Exam for Algebra 1 | **Th** | **10** | Literal Equations |
| **We** | **11** | Greatest Common Factor  | **Fr** | **11** |  Project Assessment # 1 |
| **Th** | **12** | Number System (Rational & Irrational) | **Sa** | **12** |  |
| **Fr** | **13** | Review/ Quiz  | **Su** | **13** |  |
| **Sa** | **14** |  | **Mo** | **14** |  |
| **Su** | **15** |  | **Tu** | **15** | Project Assessment # 1 |
| **Mo** | **16** | 7th Grade: Algebraic Expressions | **We** | **16** | Project Assessment # 1 |
| **Tu** | **17** | Writing Expressions | **Th** | **17** | **7th grade:** Writing and Graphing Inequality |
| **We** | **18** | Properties of Addition and **Multiplication** | **Fr** | **18** | Solving Inequalities using add/sub |
| **Th** | **19** | The Distributive Property | **Sa** | **19** |  |
| **Fr** | **20** | Review/Quiz  | **Su** | **20** |  |
| **Sa** | **21** |  | **Mo** | **21** | Solving inequalities using mult/div  |
| **Su** | **22** |  | **Tu** | **22** | Solving two step inequalities.  |
| **Mo** | **23** | 8th Grade: Solve Equations using Add/Sub | **We** | **23** | Solving multi-step Inequalities  |
| **Tu** | **24** | Solve Equations using Mult or Division | **Th** | **24** | Writing Inequities |
| **We** | **25** | Two Step Equations  | **Fr** | **25** | Solving Word problem Inequalities (one step) |
| **Th** | **26** | Multi-Step Equations  | **Sa** | **26** |  |
| **Fr** | **27** | Cont: Multi-Step Equations/ Quiz | **Su** | **27** |  |
| **Sa** | **28** |  | **Mo** | **28** | Solving Word problem Inequalities (two step) |
| **Su** | **29** |  | **Tu** | **29** | Performed Task |
| **Mo** | **30** | Solve Equation. with var. on both sides | **We** | **30** | 8th Grade: Graph linear equations |
|  |  |  | **Th** | **31** | Graphing Linear Equation with Calculator |

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| **November** | **December** |
| **Fr** | **1** | Slope of a line | **Su** | **1** |  |
| **Sa** | **2** |  | **Mo** | **2** | Writing/ Solving word problem of System of Linear Equations  |
| **Su** | **3** |  | **Tu** | **3** | Writing/ Solving word problem of System of Linear Equations |
| **Mo** | **4** | Review Day for the Benchmark # 2 | **We** | **4** | Review/ Quiz  |
| **Tu** | **5** |  | **Th** | **5** | **8th grade:** Describing key features of functions (introduction) |
| **We** | **6** | 2nd Benchmark  | **Fr** | **6** | Function Notation |
| **Th** | **7** | Graph Proportional relationships | **Sa** | **7** |  |
| **Fr** | **8** | Graph line. eq. in slope-intercept-form  | **Su** | **8** |  |
| **Sa** | **9** |  | **Mo** | **9** | Review Day for Benchmark # 3 |
| **Su** | **10** |  | **Tu** | **10** | Benchmark # 3 |
| **Mo** | **11** |  | **We** | **11** | Interpreting key features from graphs |
| **Tu** | **12** | Graph linear equations in std form | **Th** | **12** | Interpreting key features from tables  |
| **We** | **13** | Write Eq. In slope intercept form | **Fr** | **13** | Domain and Range |
| **Th** | **14** | Writing equations in pt-slope form | **Sa** | **14** |  |
| **Fr** | **15** | Review Day/Quiz | **Su** | **15** |  |
| **Sa** | **16** |  | **Mo** | **16** | Domain and Range |
| **Su** | **17** |  | **Tu** | **17** | Evaluating Functions  |
| **Mo** | **18** | Project Assessment # 2 | **We** | **18** | Range of Change  |
| **Tu** | **19** | Project Assessment # 2 | **Th** | **19** | Compering Range of change  |
| **We** | **20** | Solve Linear Systems-Graphing- | **Fr** | **20** | Review Day/ Quiz  |
| **Th** | **21** | Solve Linear Systems-Elimination | **Sa** | **21** |  |
| **Fr** | **22** | Solve Linear Systems-Elimination | **Su** | **22** |  |
| **Sa** | **23** |  | **Mo** | **23** |  |
| **Su** | **24** |  | **Tu** | **24** |  |
| **Mo** | **25** | Solve Linear Systems-Substitution  | **We** | **25** |  |
| **Tu** | **26** | Solve Linear Systems-Substitution  | **Th** | **26** |  |
| **We** | **27** | Review Day/ Quiz | **Fr** | **27** |  |
| **Th** | **28** |  | **Sa** | **28** |  |
| **Fr** | **29** |  | **Su** | **29** |  |
| **Sa** | **30** |  | **Mo** | **30** |  |
|  |  |  | **Tu** | **31** |  |

2025 Calendar

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| **January** | **February** |
| **We** | **1** |  | **Sa** | **1** |  |
| **Th** | **2** |  | **Su** | **2** |  |
| **Fr** | **3** |  | **Mo** | **3** | Introduction to Exponent (equivalent expression) |
| **Sa** | **4** |  | **Tu** | **4** | ½ Day: Properties of Exponent  |
| **Su** | **5** |  | **We** | **5** | Product of Powers Property  |
| **Mo** | **6** | Graphing absolute value Function | **Th** | **6** | Quotient of Powers Property  |
| **Tu** | **7** | Graphing Square Root Function | **Fr** | **7** | Zero and Negative Exponents /Quiz |
| **We** | **8** | Peace-wide Linear Function | **Sa** | **8** |  |
| **Th** | **9** | Step Function  | **Su** | **9** |  |
| **Fr** | **10** | Review Day/Quiz | **Mo** | **10** | Identifying Exponential Function/lineal function  |
| **Sa** | **11** |  | **Tu** | **11** | Matching exponential function with tables and graphs |
| **Su** | **12** |  | **We** | **12** | Graphing Exponential Functions |
| **Mo** | **13** | Graphing System of inequalities  | **Th** | **13** | Graphing Exponential Functions with technology  |
| **Tu** | **14** | Graphing System of inequalities | **Fr** | **14** | Applying Growth and Decay Formula |
| **We** | **15** | Arithmetic Sequence  | **Sa** | **15** |  |
| **Th** | **16** | Review Day for Benchmark # 4 | **Su** | **16** |  |
| **Fr** | **17** | Benchmark Assessment # 4 | **Mo** | **17** |  |
| **Sa** | **18** |  | **Tu** | **18** |  |
| **Su** | **19** |  | **We** | **19** |  |
| **Mo** | **20** | Geometric Sequences  | **pR** | **20** |  |
| **Tu** | **21** |  | **Fr** | **21** |  |
| **We** | **22** |  | **Sa** | **22** |  |
| **Th** | **23** |  | **Su** | **23** |  |
| **Fr** | **24** |  | **Mo** | **24** | Applying Growth and Decay Formula  |
| **Sa** | **25** |  | **Tu** | **25** | Review Day/ Quiz |
| **Su** | **26** |  | **We** | **26** | Simplifying Radical  |
| **Mo** | **27** | Cont: Geometric Sequences | **Th** | **27** | Multiplying Radical  |
| **Tu** | **28** | Project assessment # 3 | **Fr** | **28** | Divided Radicals  |
| **We** | **29** |  |  |  |  |
| **Th** | **30** | Project assessment # 3 |  |  |  |
| **Fr** | **31** | Project assessment # 3 |  |  |  |

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| **March** | **April** |
| **Sa** | **1** |  | **Tu** | **1** | Graphing Quadratic Equation by Graph  |
| **Su** | **2** |  | **We** | **2** | Solving Quadratic Equation by Factoring |
| **Mo** | **3** | Rationalizing Radicals  | **Th** | **3** | Solving Quadratic Equation by Factoring  |
| **Tu** | **4** | Adding and Substantiating Radical  | **Fr** | **4** | Solving Quadratic Equation by Factoring |
| **We** | **5** | Review Day/ Quiz  | **Sa** | **5** |  |
| **Th** | **6** | Introduction to Polynomials (terms, degrees, coefficients) | **Su** | **6** |  |
| **Fr** | **7** | Re-writing polynomials in Standard form  | **Mo** | **7** | Review Day  |
| **Sa** | **8** |  | **Tu** | **8** | Benchmark # 2 |
| **Su** | **9** |  | **We** | **9** | Solving by taking the Square Root  |
| **Mo** | **10** | Review Day  | **Th** | **10** | Solving by using the Quadratic Formula  |
| **Tu** | **11** | Benchmark #1 | **Fr** | **11** | Project Assessment # 4 |
| **We** | **12** | Sum and subtraction of Polynomials  | **Sa** | **12** |  |
| **Th** | **13** | Multiplying Polynomial (monomial by a binomial and trinomials) | **Su** | **13** |  |
| **Fr** | **14** | Multiplying Polynomial (two binomials) | **Mo** | **14** |  |
| **Sa** | **15** |  | **Tu** | **15** |  |
| **Su** | **16** |  | **We** | **16** |  |
| **Mo** | **17** | Finding the GCF of a polynomial  | **Th** | **17** |  |
| **Tu** | **18** | Factoring a binomial  | **Fr** | **18** |  |
| **We** | **19** | Factoring a trinomial with a leader coefficient 1 | **Sa** | **19** |  |
| **Th** | **20** | Factoring a trinomial finding the GCF | **Su** | **20** |  |
| **Fr** | **21** | Factoring a trinomial finding the GCF | **Mo** | **21** | First Snow Day |
| **Sa** | **22** |  | **Tu** | **22** | Solving By completing the square  |
| **Su** | **23** |  | **We** | **23** | Solving By completing the square  |
| **Mo** | **24** | Factoring Special Cases (difference of two square)  | **Th** | **24** | Geometric Application of Quadratic Equations Solving  |
| **Tu** | **25** | Factoring Polynomials Completely  | **Fr** | **25** | Review Day/ Quiz |
| **We** | **26** | Review/ Quiz  | **Sa** | **26** |  |
| **Th** | **27** | Introduction to Quadratic Equation | **Su** | **27** |  |
| **Fr** | **28** | Finding the Vertex/ Symmetric Axis of quadratic Equations  | **Mo** | **28** | Graphing System of Quadratic-lineal equations |
| **Sa** | **29** |  | **Tu** | **29** | System of Quadratic Lineal Equations by Substitution |
| **Su** | **30** |  | **We** | **30** | Graphing word problem of Quadratic Functions  |
| **Mo** | **31** | Finding the Range and domain  |  |  |  |

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| **May** | **June** |
| **Th** | **1** | Project Assessment # 5 | **Su** | **1** |  |
| **Fr** | **2** | Project Assessment # 5 | **Mo** | **2** | Review Regent Exam |
| **Sa** | **3** |  | **Tu** | **3** | Tentative Date Geometry and Science |
| **Su** | **4** |  | **We** | **4** | Tentative Date Geometry and Science |
| **Mo** | **5** | Measure of central tendency  | **Th** | **5** | Review Regent Exam |
| **Tu** | **6** | Visual resonation of Date/ Box plot & dot diagrams  | **Fr** | **6** | Review Regent Exam |
| **We** | **7** | Two way of frequency tables  | **Sa** | **7** |  |
| **Th** | **8** | ½ Day: Two way of frequency tables | **Su** | **8** |  |
| **Fr** | **9** | Review Day/ Quiz  | **Mo** | **9** | Review Regent Exam |
| **Sa** | **10** |  | **Tu** | **10** | Review Regent Exam |
| **Su** | **11** |  | **We** | **11** | New Geometry Regents |
| **Mo** | **12** | Mock Assessment # 1 | **Th** | **12** | Review Regent Exam |
| **Tu** | **13** | Mock Assessment# 1  | **Fr** | **13** | Review Regent Exam |
| **We** | **14** | Linear Regression  | **Sa** | **14** |  |
| **Th** | **15** | Linear Regression/ Correlation Coefficient  | **Su** | **15** |  |
| **Fr** | **16** | Linear Regression/ Correlation Coefficient/ Review  | **Mo** | **16** | Review Regent Exam |
| **Sa** | **17** |  | **Tu** | **17** | Last Day of Classes |
| **Su** | **18** |  | **We** | **18** |  |
| **Mo** | **19** | Review Regent Exam  | **Th** | **19** |  |
| **Tu** | **20** | Review Regent Exam | **Fr** | **20** |  |
| **We** | **21** | Review Regent Exam | **Sa** | **21** |  |
| **Th** | **22** | Review Regent Exam | **Su** | **22** |  |
| **Fr** | **23** | Second Snow Day | **Mo** | **23** |  |
| **Sa** | **24** |  | **Tu** | **24** |  |
| **Su** | **25** |  | **We** | **25** |  |
| **Mo** | **26** |  | **Th** | **26** | Rating day |
| **Tu** | **27** | Review Regent Exam | **Fr** | **27** | Rating Day |
| **We** | **28** | Review Regent Exam | **Sa** | **28** |  |
| **Th** | **29** | Mock Assessment | **Su** | **29** |  |
| **Fr** | **30** | Mock Assessment | **Mo** | **30** |  |
| **Sa** | **31** |  |  |  |  |