FIRST QUARTER

| | | | Topics | Homework Due | School Events |
|---|---|---|---|---|---|
| 1 | | 7/8 A | Introductions | | |
| 2 | 1 | 12/13 A | Pre-Test | Signed Syllabus | |
| 3 | | 14/15 A | Notes and Homework Expectations; 0.1 Radicals | HW02 | |
| 4 | 2 | 19/20 A | 1.1-1.2 Variables and Expressions | HW03 | |
| 5 | | 21/22 A | 1.3-1.4 Like Terms and Distributive Property | HW04 | |
| 6 | 3 | 26/27 A | 1.5-1.6 Solutions and One-Step Equations | HW05; Quiz 1 | |
| 7 | | 28/29 A | Mid-Unit Review | HW06 | |
| 8 | 4 | (2)/3 S | 1.7 Word Problems | HW07 | |
| 9 | | 4/5 S | 1.8 Two-Step Equations | HW08 | |
| 10 | 5 | 9/10 S | 1.9 Multi-Step Equations | HW09 | |
| 11 | | 11/12 S | 1.10 Rewriting Equations | HW10; Quiz 2 | |
| 12 | 6 | 16/17 S | 1.11-1.12 Graphing and Solving Inequalities | HW11 | |
| 13 | | 18/19 S | Unit Test 1; Absolute Value Equations | HW12 | Constitution Night |
| 14 | 7 | 23/24 S | 2.1 Points & Slope | HW13 | |
| 15 | | 25/26 S | 2.2-2.3 Equations, Lines, and Point-Slope Form | HW14 | Homecoming |
| 16 | 8 | 30/1 O | 2.4 Slope-Intercept Form | HW15 | |
| 17 | | 2/3 O | 2.5-6 Inequalities & Standard From | HW16 | |

SECOND QUARTER

| | | | | | |
|---|---|---|---|---|---|
| 18 | 9 | 14/15 O | Unit Test 2; 3.1 Systems and Solutions | HW17; Signed Grade Report | |
| 19 | | 16/17 O | 3.2-3.3 Graphing and Inequalities | HW18 | |
| 20 | 10 | 21/22 O | 3.4 Solving by Substitution | HW19; Quiz 3 | |
| 21 | | 23/24 O | 3.4 Solving by Substitution, cont. | HW20 | |
| 22 | 11 | 28/29 O | 3.5 Solving by Elimination | HW21 | |
| 23 | | 30/31 O | Unit Test 3 | HW22 | |
| 24 | 12 | 4/5 N | 4.1-4.2 Functions | HW23 | |
| 25 | | 6/7 N | 4.3 Domain and Range | HW24 | JH Drama |
| 26 | 13 | (11)/12 | 4.4 Evaluating Functions | HW25 | |
| 27 | | 13/14 N | 4.5 Solving Functions | HW26 | |
| 28 | 14 | 18/19 N | 4.6 Tables and Sequences | HW27 | |
| 29 | | 20/21 N | 4.7 Vertical Shifts | HW28 | HS Drama |
| 30 | 15 | 25/26 N | 4.8 Horizontal Shifts | HW29 | |
| | | | *Thanksgiving – No School* | | |
| 31 | 16 | 2/3 D | 4.9 Reflections | HW30 | |
| 32 | | 4/5 D | 4.10 Vertical Stretch and Compression | HW31 | Band & Choir |
| 33 | 17 | 9/10 D | Unit 4 Test | HW32 | |
| 34 | | 11/12 D | 4.11 Piecewise Functions | HW33 | Dance & Ballroom |
| 35 | 18 | 16/17 D | Semester Review | HW34 | |
| 36 | | 18/19 D | Semester 1 Exam | Semester Exam Review | |

Syllabus is subject to change at teacher's discretion. All changes will be communicated to scholars and parents in a timely manner.

| THIRD QUARTER | | | Topics | Homework Due | School Events |
|---|---|---|---|---|---|
| **37** | 19 | 6/7 J | 5.1 Properties of Exponents | | |
| **38** | | 8/9 J | 5.2-5.3 Radicals and Scientific Notation | HW37; Signed Syllabus; Pre-Test | Fine Arts Retreat |
| **39** | 20 | 13/14 J | 5.4 Linear vs. Exponential Growth | HW38 | |
| **40** | | 15/16 J | 5.5 Exponential Growth Functions | HW39 | |
| **41** | 21 | (20)/21 J | 5.6 Exponential Decay Functions | HW40 | |
| **42** | | 22/23 J | 5.7 Transformations of Exponential Functions | HW41 | |
| **43** | 22 | 27/28 J | Unit 5 Test | HW42 | |
| **44** | | 29/30 J | 6.1-6.2 Names and Operations of Polynomials | HW43 | |
| **45** | 23 | 3/4 F | 6.3-6.4 Graphs and Zeros | HW44 | |
| **46** | | 5/6 F | 6.5-6.6 Common Factors and Factoring by Grouping | HW45 | Choir: Jazz/Madrigals |
| **47** | 24 | 10/11 F | 6.7 Factoring Trinomials | HW46 | |
| **48** | | 12/13 F | 6.7 cont. Factoring Trinomials | HW47 | |
| **49** | 25 | (17)/18 F | 6.8-6.9 Difference of Squares and Perfect Square Trinomials | HW48 | |
| **50** | | 19/20 F | 6.10 Polynomial Division | HW49 | Talent Show |
| **51** | 26 | 24/25 F | Unit 6 Test | HW50 | |
| **52** | | 26/27 F | 7.1-7.2 Probability | HW51 | Murder Mystery |
| **53** | 27 | 2/3 M | 7.3 Independent and Dependent Probabilities | HW52 | |
| **54** | | 4/5 M | 7.4 Mean, Median, Mode, Range, and Standard Deviation | HW53 | |

FOURTH QUARTER

| | | | | | |
|---|---|---|---|---|---|
| **55** | 28 | 16/17 M | 7.5-6 Frequency Tables and Visualizing Statistics | HW54; Signed Grade Report | |
| **56** | | 18/19 M | 7.7-8 Scatter Plots and Lines of Best Fit | HW55 | |
| **57** | 29 | 23/24 M | 7.9 Statistical Design and Bias | HW56 | |
| **58** | | 25/26 M | Unit 7 Test | HW57 | JH Drama |
| **59** | 30 | 30/31 M | State Testing | HW58 | |
| **60** | | 1/2 A | State Testing; Rational vs. Irrational Numbers | HW59 | |
| **61** | 31 | 6/7 A | 8.1 Quadratics & Solutions; 8.2 Discriminant | HW60 | |
| **62** | | 8/9 A | 8.3 Solving by Square Root | HW61 | Musical |
| **63** | 32 | 13/14 A | 8.4 Solving by Factoring | HW62 | |
| **64** | | 15/16 A | 8.5 Complete the Square | HW63 | |
| **65** | 33 | 20/21 A | 8.5 Complete the Square | HW64 | |
| **66** | | 22/23 A | 8.6 The Quadratic Formula | HW65 | |
| **67** | 34 | 27/28 A | 8.7 Graphing Quadratics: The Vertex Form | HW66 | |
| **68** | | 29/30 A | 8.8 Graphing Quadratics: The Standard Form | HW67 | Choir/Band |
| **69** | 35 | 4/5 M | Review | HW68 | |
| **70** | | 6/7 M | Unit 8 Test | HW69 | Dance/Drama Interactive |
| **71** | 36 | 11/12 M | Review | HW70 | |
| **72** | | 13/14 M | Review | HW71 | Fine Arts CA Trip |
| **73** | 37 | 18/19 M | Review (A-Day); Final Exam (B-Day) | HW72 | |
| **74** | | 20 M | Final Exam (A-Day) | Final Review | Graduation/Awards |

Syllabus is subject to change at teacher's discretion. All changes will be communicated to scholars and parents in a timely manner.