

## Hillgrove HS — Honors Algebra 2 Calendar — Fall 2008

AUG	1 <i>Opening Day</i> Review Packet: Linear/Non-linear; Slope; Horizontal/Vertical	8/11	2 Review Packet: Linear/Non-linear; Slope; Horizontal/Vertical	8/12	3 Solve Equations, Proportions, Inequalities	8/13	4 Absolute Value Equations/Inequalities	8/14	5 Quiz #1/Classify, Order of Ops, Prop of Exponents	8/15
AUG	6 Calculator Tutorial, Linear Regression	8/18	7 Relations v. Functions Composition of Functions	8/19	8 Inverses Algebraically & Graphically	8/20	9 Transformations/Parent graphs	8/21	10 Quiz #2/ Systems of Equations - example problems	8/22
AUG	11 Review Packet: Solving Systems by Graph, Sub, Elim	8/25	12 Applications of System	8/26	13 Systems of Inequalities	8/27	14 Linear Programming Intro	8/28	15 <i>End Week 3</i> Linear Programming	8/29
SEP	* <i>Labor Day</i> No Class	9/1	16 Review Practice including Quizzes 1 2	9/2	17 Test #1 (cumulative)	9/3	18 Matrices: Add, Subtract, Multiply (non-calc)	9/4	19 Determinants: 2x2, 3x3 (non-calc)	9/5
SEP	20 Matrices/Determinants (calculator)/Solving systems	9/8	21 Applications/Solving systems	9/9	22 Applications	9/10	23 Quiz #3	9/11	24 <i>ACT on Saturday</i> Matrices Project (in class)	9/12
SEP	25 Graphing Quadratics	9/15	26 <i>Early Release</i> Solve Quadratics by Extracting and Factoring	9/16	27 Solve Quadratics by Completing the Square	9/17	28 Solve Quadratics by Quadratic Formula (real solns)	9/18	29 <i>End Week 6</i> Quiz #4	9/19
SEP	30 Complex Numbers	9/22	31 Complex Numbers	9/23	32 <i>GHS GT Writing</i> Quadratic Formula (imaginary solutions)	9/24	33 <i>GHS GT Makeup</i> Complete the square (imaginary)/Quadratic Apps	9/25	34 Quadratic Applications	9/26
OCT	35 Quadratic Applications	9/29	36 Review	9/30	37 Test #2 (Matrices/Quadratics)	10/1	38 Circles	10/2	39 <i>SAT on Saturday</i> Ellipses	10/3
OCT	40 Hyperbolas	10/6	41 Parabolas	10/7	42 Quiz #5 (Conics)	10/8	43 Sequences	10/9	44 <i>End Week 9</i> Sequences	10/10
OCT	45 Graph/behavior of Polynomials	10/13	46 Multiply Polynomials	10/14	47 <i>Early Release</i> Factor Polynomials	10/15	48 Synthetic/Long Division	10/16	49 Finding zeros	10/17
OCT	50 Practice	10/20	51 Test #3 (Polynomials)	10/21	52 Variation	10/22	53 Graph Rational Functions	10/23	54 <i>ACT on Saturday</i> Graph Rational Functions	10/24
OCT	55 Multiply/Divide Rational Functions	10/27	56 Add/Suntract Rational Functions	10/28	57 Solve Rational Equations	10/29	58 Quiz #5 (Rational Functions)	10/30	59 <i>End Week 12</i> Radical Expressions and Functions	10/31
NOV	60 Transformations (Radicals)	11/3	***** <i>Election Day</i> No Class	11/4	61 Solving Radical Equations	11/5	62 Test #4 (Rationals/Radicals)	11/6	63 Graph Exponential and Logarithmic Functions	11/7
NOV	64 Solve Log Equations	11/10	65 Solve Exponential Equations	11/11	66 Properties of Logs	11/12	67 <i>Senior Project</i> Properties of Logs	11/13	68 Natural Logs (ln)	11/14
NOV	69 Applications	11/17	70 Applications	11/18	71 Test #5 (Logs)	11/19	72 Presentations	11/20	73 <i>End Week 15</i> Presentations	11/21
NOV	***** <i>Thanksgiving</i> No Class	11/24	***** <i>Thanksgiving</i> No Class	11/25	***** <i>Thanksgiving</i> No Class	11/26	***** <i>Thanksgiving</i> No Class	11/27	***** <i>Thanksgiving</i> No Class	11/28
DEC	74 Right Triangle Trigonometry	12/1	75 Coterminal/Reference Angles	12/2	76 Unit Circle	12/3	77 Unit Circle	12/4	78 <i>SAT on Saturday</i> Daily Quiz Inverse Trig Functions	12/5
DEC	79 <i>Math/Eng EOCT</i> Daily Quiz Graph Trig Functions	12/8	80 <i>Math/Eng EOCT</i> Daily Quiz Graph Trig Functions	12/9	81 <i>Math/Eng EOCT</i> Daily Quiz Graph Trig Functions	12/10	82 <i>SS/SCI EOCT</i> Review	12/11	83 <i>SS/SCI EOCT</i> Test #6 (Trig)	12/12
DEC	84 <i>ACT last Saturday</i> Review	12/15	85 Review	12/16	86 Review	12/17	87 Final Exams	12/18	88 Final Exams	12/19
DEC	* <i>Christmas</i> —	12/22	* <i>Christmas</i> —	12/23	* <i>Christmas</i> —	12/24	* <i>Christmas</i> —	12/25	* <i>Christmas</i> —	12/26