

Algebra 2 CP Pacing Guide 2012/2013

Key:	highlighting = Covered Material or Material Learned
	blue = Test or Project Day
2012/2013 School Year	Content: Algebra 2 CP
Day 1	Ice breaker, handout and go over Syllabus
Day 2	Notebook presentation, Syllabus Completion, Student Handbook Icebreaker 2
Day 3	Notebook presentation, collect Syllabus, INB Practice
Day 4	Collect Syllabus, Course Placement Test
Day 5	Course Placement Test
Day 6	Real Numbers and Their Operations vocab p. 3 cw/hw p. 7 15-37 odd
Day 7	Algebraic Expressions, vocab p. 11, cw/hw p. 14 #s 15-55 multiples of 5
Day 8	Solving Linear Equations vocab p. 19 cw/hw p. 22 #s 18-42 even
Day 9	Rewriting Equations and Formulas vocab p. 26 cw/hw p. 29 #s 12-28 even
Day 10	Assessment 1 Real Numbers and Their Operations, NB Check 1
Day 11	Solving Multi-Step Equations, Common Formulas p. 28 cw/hw p. 29 #s 13-29, 58-67 odd
Day 12	Assessment 2 (part 1) Solving Multi-Step Equations and Formulas
Day 13	Formulas and Equations vocab p. 26 cw/hw p. 29 #s 12-20 even
Day 14	Solving Linear Inequalities vocab p. 41 cw/hw p. 45 #s 14-30 even
Day 15	Solving Linear Inequalities vocab p. 41 cw/hw p. 45 #s 30-48 even
Day 16	Solving Absolute Value Equations and Inequalities vocab p. 50 cw/hw p. 53 #s 17-39 odd
Day 17	Solving Absolute Value Equations and Inequalities (part 2) p. 50 cw/hw p. 53 #s 41-63 odd
Day 18	Assessment 2 (part 2) Solving Linear Inequalities and Absolute Value Equations
Day 19	2.1 Functions and Their Graphs vocab p. 67 cw/hw p. 71 #s 5-45 by 5s
Day 20	2.2 Slope and Rate of Change vocab p. 75 #s 17-31, 37-43 odd
Day 21	Assessment 3 Functions and Their Graphs
Day 22	2.3 Quick Graphs of Linear Equations vocab p. 82 cw/hw p. 86 #s 16-56 even
Day 23	2.4 Writing Equations of Lines vocab p. 91 cw/hw p. 95 #s 13-23 odd 29-39 odd
Day 24	2.4 Writing Equations of Lines p. 96 #s 35-39 odd 43-57 odd
Day 25	Assessment 4 Equations of Lines
Day 26	2.6 Linear Inequalities in Two Variables vocab p. 108 cw/hw p. 111 #s 14-44 even
Day 27	2.7 Piecewise Functions vocab p. 114 cw/hw p. 117 #s 21-29 all
Day 28	2.8 Absolute Value Functions vocab p. 122 cw/hw p. 124 #s 12-38 even
Day 29	Assessment 5 Linear Inequalities and Functions
Day 30	3.1 Solving Linear Systems by Graphing vocab p. 139 cw/hw p. 143 #s 11-33 odd
Day 31	3.1 Solving Linear Systems by Graphing cw/hw p. 143 #s 35-51 odd
Day 32	3.2 Solving Linear Systems Algebraically vocab p. 148 #s 11-49 odd
Day 33	Assessment 6 Solving Linear Systems
Day 34	3.3 Graphing and Solving Systems of Linear Inequalities vocab p. 156 cw/hw p. 158 #s 12-50 even

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Day 35	3.4 Linear Programming: Exploring Data and Statistics vocab p. 163 cw/hw p. 166 #s 12-20 even
Day 36	Assessment 7 Solving Systems of Linear Inequalities
Day 37	3.6 Solving Systems of Linear Equations in Three Variables vocab 177 hw p. 180 #s 12-22 even
Day 38	3.6 Solving Systems of Linear Equations in Three Variables vocab 177 hw p. 180 #s 24-32 even
Day 39	Assessment 8 Solving Systems of Linear Equations in Three Variables
Day 40	5.1 Graphing Quadratic Functions vocab p. 249 cw/hw p. 253 #s 17-31 odd
Day 41	5.1 Graphing Quadratic Functions vocab p. 249 cw/hw p. 253 #s 33-49 odd
Day 42	Assessment 9 Graphing Quadratic Functions
Day 43	5.2 Solving Quadratic Equations by Factoring vocab p. 256 cw/hw p. 260 #s 23-45 odd
Day 44	5.2 Solving Quadratic Equations by Factoring vocab p. 256 cw/hw p. 260 #s 47-63 odd
Day 45	5.2 Solving Quadratic Equations by Factoring vocab p. 256 cw/hw p. 260 #s 65-87 odd
Day 46	5.3 Solving Quadratic Equations by Finding Square Roots vocab p. 264 hw p. 267 #s 19-49
Day 47	5.3 Solving Quadratic Equations by Finding Square Roots hw p. 267 #s 51-67 odd
Day 48	Assessment 10 Quadratic Functions
Day 49	5.4 Complex Numbers vocab p. 272 hw p. 277 #s 17-45 odd
Day 50	5.4 Complex Numbers vocab p. 272 hw p. 277 #s 47-79 odd
Day 51	5.5 Completing the Square vocab p. 282 hw p. 286 #s 23-45 odd
Day 52	5.5 Completing the Square vocab p. 282 hw p. 286 #s 47-61 odd
Day 53	5.5 Completing the Square vocab p. 282 hw p. 286 #s 63-83 odd
Day 54	Assessment 11 Complex Numbers and Completing the Square
Day 55	5.6 The Quadratic Formula and the Discriminant vocab p. 291 hw p. 295 #s 17-45
Day 56	5.6 The Quadratic Formula and the Discriminant vocab p. 291 hw p. 295 #s 47-63
	Assessment 12 The Quadratic Formula and the Discriminant
Day 57	6.1 Using Properties of Exponents vocab p. 323 hw p. 326 #s 17-31 odd
Day 58	6.1 Using Properties of Exponents vocab p. 323 hw p. 326 #s 33-47 odd
Day 59	Assessment 13 Using Properties of Exponents
Day 60	6.2 Evaluating and Graphing Polynomial Functions vocab p. 329 hw p. 333 #s 15-35
Day 61	6.2 Evaluating and Graphing Polynomial Functions vocab p. 329 hw p. 333 #s 37-45
Day 62	6.3 Adding, Subtracting, and Multiplying Polynomials vocab p. 338 hw p. 341 #s 13-25
Day 63	6.3 Adding, Subtracting, and Multiplying Polynomials hw p. 341 #s 27-43
Day 64	6.3 Adding, Subtracting, and Multiplying Polynomials hw p. 341 #s 45-61
Day 65	Assessment 14 Polynomial Functions
Day 66	6.4 Factoring and Solving Polynomial Equations vocab p. 345 #s 19-31 odd
Day 67	6.4 Factoring and Solving Polynomial Equations vocab p. 345 #s 33-57 odd
Day 68	6.4 Factoring and Solving Polynomial Equations vocab p. 345 #s 57-85 odd
Day 69	6.5 The Remainder and Factor Theorem vocab p. 352 hw p. 356 15-25 odd
Day 70	6.5 The Remainder and Factor Theorem vocab p. 352 hw p. 356 27-37 odd

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Day 71	6.5 The Remainder and Factor Theorem vocab p. 352 hw p.356 #s 39-53 odd
Day 72	Assessment 15 The Remainder and Factor Theorems
Day 73	6.6 Finding Rational Zeros vocab p. 356 hw p. 362 15-31 odd
Day 74	6.6 Finding Rational Zeros vocab p. 356 hw p. 362 33-43 odd
Day 75	6.6 Finding Rational Zeros vocab p. 356 hw p. 362 47-57 odd
Day 76	6.7 Using the Fundamental Theorem of Algebra vocab p. 366 hw p. 369 #s 15-33 odd
Day 77	Assesment 16 Using the Fundamental Theorem of Algebra
Day 78	7.1 nth Roots and Rational Exponents vocab p. 401 hw p. 404 #s 13-39 odd
Day 79	7.1 nth Roots and Rational Exponents vocab p. 401 hw p. 404 #s 41-61 odd
Day 80	Assessment 17 nth Roots and Rational Exponents
Day 81	7.2 Properties of Rational Exponents vocab p. 407 hw p. 411 #s 23-55 odd
Day 82	7.2 Properties of Rational Exponents vocab p. 407 hw p. 411 #s 57-75 odd
Day 83	7.2 Properties of Rational Exponents vocab p. 407 hw p. 411 #s 77-89 odd
Day 84	Assessment 18 Properties of Rational Exponents
Day 85	7.3 Power Functions and Function Operations vocab p. 415 hw p. 418 #s 13-27 odd
Day 86	7.3 Power Functions and Function Operations vocab p. 415 hw p. 418 #s 29-51 odd
Day 87	7.4 Inverse Functions vocab p. 422 hw p. 426 #s 15-31 odd
Day 88	7.4 Inverse Functions vocab p. 422 hw p. 426 #s 33-55 odd
Day 89	Assessment 18 Properties of Rational Exponents (part 2)
Day 90	7.5 Graphing Square Root and Cube Root Functions vocab p. 431 hw p. 434 #s 15-29 odd
Day 91	7.5 Graphing Square Root and Cube Root Functions vocab p. 431 hw p. 434 #s 31-45 odd
Day 92	7.6 Solving Radical Equations vocab p. 437 hw p. 441 #s 17-31 odd
Day 93	7.6 Solving Radical Equations vocab p. 437 hw p. 441 #s 33-53 odd
Day 94	7.7 Statistics and Statistical Graphs vocab p. 445 hw p. 449 #s 10-15 all
Day 95	Assessment 19 Powers, Roots and Radicals
Day 96	8.1 Exponential Growth vocab p. 465 hw p. 469 #s 13-41
Day 97	8.2 Exponential Decay vocab p. 474 hw p. 477 #s 11-41 odd
Day 98	Assessment 20 Exponential Growth and Decay
Day 99	8.3 The Number e vocab p. 480 hw p. 483 #s 17-31 odd
Day 100	8.3 The Number e vocab p. 480 hw p. 483 #s 33-59 odd
Day 101	8.3 The Number e vocab p. 480 hw p. 483 #s 61-75 odd
Day 102	Assessment 21 Exponential Functions
Day 103	8.4 Logarithmic Functions vocab p. 486 hw p. 17-35 odd
Day 104	8.4 Logarithmic Functions vocab p. 486 hw p. 37-55 odd
Day 105	8.4 Logarithmic Functions vocab p. 486 hw p. 57-75 odd
Day 106	8.5 Properties of Logarithms vocab p. 493 hw p. 496 #s 15-45 odd
Day 107	8.5 Properties of Logarithms vocab p. 493 hw p. 496 #s 47-73 odd

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Day 108	8.6 Solving Exponential and Logarithmic Equations vocab p. 501 hw p. 505 #s 19-41 odd
Day 109	8.6 Solving Exponential and Logarithmic Equations hw p. 505 #s 43-59 odd
Day 110	Assessment 22 Logarithmic Functions and Their Properties
Day 111	8.7 Modeling with Exponential and Power Functions hw p. 513 #s 17-25 all
Day 112	8.7 Modeling with Exponential and Power Functions hw p. 513 #s 29-37 all
Day 113	8.7 Modeling with Exponential and Power Functions hw p. 513 #s 41-51
Day 114	8.8 Logistic Growth Functions vocab p. 517 hw p. 520 #s 16-23 all
Day 115	Assessment 23 Solving Exponential and Logarithmic Equations
Day 116	9.1 Inverse and Joint Variation vocab p. 534 hw p. 537 #s 21-33, 39-43 odd
Day 117	9.2 Graphing Simple Rational Functions vocab p. 540 hw p. 543 #s 11-19 all
Day 118	Assessment 23 Solving Exponential and Logarithmic Equations
Day 119	9.3 Graphing General Rational Functions vocab p. 547 hw p. 550 #s 11-19 all
Day 120	9.4 Multiplying and Dividing Rational Expressions vocab p. 554 hw p. 17-35 odd
Day 121	9.4 Multiplying and Dividing Rational Expressions vocab p. 554 hw p. 37-49 odd
Day 122	Assessment 24 Rational Equations and Functions
Day 123	9.5 Addition, Subtraction, and Complex Fractions vocab p. 562 hw p. 565 #s 12-23 all
Day 124	9.5 Addition, Subtraction, and Complex Fractions hw p. 565 #s 27-37 odd
Day 125	9.5 Addition, Subtraction, and Complex Fractions hw p. 565 #s 39-45 odd
Day 126	Assessment 25 Addition, Subtraction, and Complex Fractions
Day 127	9.6 Solving Rational Equations vocab p. 568 hw p. 571 #s 15-31 odd
Day 128	9.6 Solving Rational Equations vocab p. 568 hw p. 571 #s 33-49 odd
Day 129	Assessment 26 Solving Rational Equations and Complex Fractions
Day 130	10.1 The Distance and Midpoint Formulas vocab p. 589 hw p. 592 #s 17-31 odd
Day 131	10.1 The Distance and Midpoint Formulas vocab p. 589 hw p. 592 #s 33-39 odd
Day 132	10.2 Parabolas vocab p. 595 hw p. 17-29 odd
Day 133	10.2 Parabolas vocab p. 595 hw p. 31-37 odd
Day 134	10.3 Circles vocab p. 601 hw p. 605 #s 27-37 odd
Day 135	10.4 Ellipses vocab p. 609 hw p. 612 #s 19-29 odd
Day 136	Assessment 27 Quadratic Relations
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