

ALGEBRA I Part A CURRICULUM PACING GUIDE

| ALGEBRA I Part A | 1ST QUARTER | 2ND QUARTER |
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| WEEK 1 | Flanagan Pretest Verbal Quantitative Situations Order of operations Absolute Values Square Roots Sec. SOL A.1 & A.3 | Graphing an Inequality Sec. SOL A.5 SOL A.5 Checkpoint Test |
| WEEK 2 | Checkpoint Test SOL A.1 and A.3 Equations Sec. 2.1, 2.2, 2.3, 2.4, 2.5, 2.6 SOL A.4 | Solving Systems of Equations Sec. 7.1, 7.2 SOL A.4 |
| WEEK 3 | Inequalities Review & Test (Ch. 3) SOL A.5 | Solving Systems of Word Equations Sec. 7.1, 7.2 SOL A. 4 |
| WEEK 4 | Literal Equations Word problems of Equations and Inequalities Sec. SOL A.4 & 5 Benchmark 1 | Solving Systems of Word Equations Sec. 7.1, 7.2 SOL A.4 Benchmark 3 |
| WEEK 5 | Slope and Rate of Change Sec. 3.1, 3.2, 3.3, 3.4 SOL A.6 | Solving Systems of Inequalities Sec. 7.1, 7.2 SOL A.5 |
| WEEK 6 | Find Slope Sec. 6.1, 6.2, 6.4 SOL A.6 | Solving Systems of Inequalities Sec. 7.1, 7.2 SOL A.5 |
| WEEK 7 | Graphing Linear Functions Sec. 6.4 SOL AI. 6 Checkpoint Test SOL A.6 | Domain and Range SOL A.5 Functions Sec. 5.1, 5.2 SOL A.5 |
| WEEK 8 | Writing an Equation for a Line Sec. 6.4 SOL A.6 Checkpoint Test SOL A. 6 | Evaluate Functions Sec.: 5.3, 5.4, 5.5, & 5.6 SOL A.15 |
| WEEK 9 | Review Benchmark 2/Midterm Exam | Review Benchmark 4/Final Exam |

ALGEBRA I Part B CURRICULUM PACING GUIDE

| Algebra I Part B | 1st Quarter | 2nd Quarter |
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| Week 1 | Laws of Exponents Sec. 8.4 SOL A.2 | Cube Roots Variation Mean Absolute Deviation Standard Deviation Z-score A.9 |
| Week 2 | Multiplication Properties of Exponents Sec. 8.6, 8.7 SOL A.2 | Variation Mean Absolute Deviation Standard Deviation Z-score A.9 |
| Week 3 | Mult. Properties of Exponents Division Properties of Exponents Scientific Notation Sec. 8.5, 8.7, 8.8 SOL A.2 | Box & Whiskers Toolbox p.740 SOL A.10 |
| Week 4 | Polynomials Factoring Sec.: 9.1, 9.2, 9.3, 9.4, & 9.5 SOL A.2 Benchmark 1 | Equation of Curve of Best Fit Line A.11 Benchmark 3 |
| Week 5 | Factoring Sec.: 9.2, 9.3, 9.4, & 9.5 SOL A.2 | <u>SOL REVIEW</u> |
| Week 6 | Factoring Sec.: 9.2, 9.3, 9.4, 9.5, & 9.6 SOL A.2 | <u>SOL REVIEW</u> |
| Week 7 | Factoring Sec.: 9.2, 9.3, 9.4, 9.5, & 9.6 Review/Test Unit 1 SOL A.2 | <u>SOL TESTING WEEK</u> |
| Week 8 | Solving Quadratic Equations Sec.: 9.7 & 9.8 Review/Test Unit 2 SOL A.4 | Foundations for Geometry Sec.: 11.2, 11.3, & 11.7 |
| Week 9 | Direct Variation Inverse Variation A.8 Review Benchmark 2/Midterm Exam | Review Benchmark 4 /Final Exam |