

First 6 Weeks

Intermediate Algebra 1

2005 - 2006

Scope & Sequence

TEKS A1D, E, A2D, A3A, A5C, A7A, B, C should be integrated into daily instruction

Resources

Days	TAKS Objective	TEKS: Student Expectation	Instructional Considerations	Prentice Hall	Supplemental Activities	Performance Benchmark Assessments	A&M Curriculum
7		Opening Procedures Diagnostic Testing	<ul style="list-style-type: none"> • Calculator introduction • Review integer operations • Application problems using integer operations. • Simplify expressions / review order of operations • “Basic arithmetic skills” should be reviewed through daily warm-ups (fractions, decimals) and calculator activities • Students must be able to solve application problems as well as “skill and drill” problems 	Ch 1-3 to 1-6			F1-1 F1-2 F1-3 F1-4
3	1,2,3	<p>A1D represent relationships among quantities using concrete models, tables, graphs, diagrams, verbal descriptions, equations, and inequalities; and</p> <p>A3A use symbols to represent unknowns and variables;</p> <p>A4A find specific function values, simplify polynomial expressions, transform and solve equations, and factor as necessary in problem situations;</p> <p>A7B investigate methods for solving linear equations and inequalities using concrete models, graphs, and the properties of equality, select a method, and solve the equations and inequalities;</p>	<ul style="list-style-type: none"> • Variables and substitution • Translate a stated linear expression into algebraic symbols • Using geometric formulas in application problems (substitution) • Combine like terms. Students must be able to solve problems using Algebra Tiles, draw pictorial representations, and justify solutions 	Ch 1-2,1-3,1-6	Klein Unit 3 Distributive Property Scavenger Hunt		F1-5 F1-6
14	1,2,3	<p>A1D represent relationships among quantities using concrete models, tables, graphs, diagrams, verbal descriptions, equations, and inequalities; and</p> <p>A3A use symbols to represent unknowns and variables;</p> <p>A4A find specific function values, simplify polynomial expressions, transform and solve equations, and factor as necessary in problem situations;</p> <p>A7B investigate methods for solving linear equations and inequalities using concrete models, graphs, and the properties of equality, select a method, and solve the equations and inequalities;</p>	<ul style="list-style-type: none"> • Review solving 1 and 2-step equations. Students must be able to solve equations alone, and in application problems • Combine like terms • Use the distributive property • Variables on both sides of the equation • Develop equations from problem solving situations 	Ch 3-1 to 3-4, 2-3 4-2, 4-5, 4-6, 4-7	Klein Unit 4 Match-Em (Inequalities)	Car and Motorcycle	F Unit 2 F Unit 3 S 1-1 S1-2 S1-3
2		Review CBA					