

Watch and **take notes**. Turn-in all assignments on due day. Good luck!

CORE CONNECTIONS ALGEBRA 1 415AF

Video 1a1	Quick Math Review
UNIT 1 - Functions	
Video 1a2	Learn the Rules of Positive and Negative Numbers
Video 1a3	Variables and Algebraic Expressions
Video 1a4	Examples of Evaluating Variable Expressions
Video 1b1	Evaluating with Function Notation
Video 1b2	Order of Operations
Video 1b4	Distributive Property and Combining Like Terms
Video 1b5	Algebra Tiles: Combining like Terms part 2

UNIT 2 - Simplifying and Solving (part one)	
Video 2a1	How to Evaluate Expressions
Video 2a2	Algebra Tiles: Evaluating Expressions part 3
Video 2b1	Solving Equations by Adding
Video 2b2	Solving Equations by Subtracting
Video 2b3	Solving Equations by Multiplying
Video 2b4	Solving Equations by Dividing
Video 2b5	How to Solve One Step Equations

UNIT 3 - Simplifying and Solving (part two)	
Video 3a1	Solving Equations Using Algebra Tiles
Video 3a2	How to Solve Two Step Equations
Video 3b	Solving Two Step Inequalities

UNIT 4 - Linear Relationships (part one)	
Video 4a	Using a Table to Graph a Line
Video 4b1	Graphing Lines: Part 1
Video 4b2	Graphing Lines: Part 2
Video 4b3	Graphing Lines: Part 3
Video 4b4	Graphing Lines: Part 4

UNIT 5 - Linear Relationships (part two)	
Video 5a1	Finding X and Y Intercepts for Linear Equations
Video 5a2	Graphing a Line Using the X and Y Intercepts
Video 5b	Write Equation given Graph

UNIT 6 - Systems of Equations	
Video 6a1	Solving Systems of Equations: Graphing
Video 6a2	Solving Systems of Equations: Substitution
Video 6a3	Solving Systems of Equations: Equal Values
Video 6b	Solving Systems of Equations: Choosing a Method

For more online resources grouped by course, please visit [ISP Mathematics](#) inverted classroom web page. Make sure you **take notes**; you may use the form on the page or your own notebook. Sign and date the notes, and submit on your due day.