Introduction:

This work is created by two "non-math" teachers. It is intended to aid individuals who are not traditional math teachers, who must assist students struggling with Algebra concepts. You may find some mnemonics, "tricks", or hints that do not necessarily reflect teaching in a traditional math way. This work is reflective of different learning styles and strengths in order to assist students to access material presented in a variety of ways. This binder contains twelve units. Each unit is divided into two parts:

PART A	Videos
PART B	Vocabulary, Hints, Explanations

The videos and explanations are presented from different perspectives and teaching styles. Additional examples from the textbook a have been included to use for practice with students.

Connecting learning from previous teaching, explaining the terms that are used (and may not necessarily be higher level math terminology) are highlighted in each section.

Table of Contents

Unit 1: Solving Linear Equations

Unit 2: Graphing & Writing Linear Equations

Unit 3: Solving Linear Inequalities

Unit 4: Solving Systms of Linear Equations

Unit 5: Linear Functions

Unit 6: Exponential Equations & Functions

Unit 7: Polynomial Equations & Factoring

Unit 8: Graphing Quadratic Functions

Unit 9: Solving Quadratic Equations

Unit 10: Square Roots Functions and Geometry

Unit 11: Rational Equations & Functions

Unit 12: Data Analysis & Displays