

First Quarter Learning Targets
Algebra I PreAP

Name _____

Period _____

	Learning Target	Study Guide (solutions in Google Drive)	Notes for Celebration / Notes for Improvement
1A	(1-1 & 1-2) Translate between verbal expressions and algebraic expressions; evaluate expressions using the order of operations rules Vocabulary: expression, variable, constant, term, power, exponent, base, evaluate	SG: 2, 4, 6, 8-27 PT: 1-6	
		Progress: 1 st _____ 2 nd _____ 3 rd _____	
1B	(1-3 & 1-4) Identify the properties of real numbers; justify the steps in evaluating an expression with the properties of real numbers; use the distributive property to rewrite and simplify expressions Vocabulary: identity(additive or multiplicative), inverse(additive or multiplicative), reciprocal, commutative, associative, like terms, simplest form, coefficient	SG: 3, 7, 28-35, 37-49 PT: 7-12	
		Progress: 1 st _____ 2 nd _____ 3 rd _____	
1C	(1-5) Find the solution set for an equation using replacement sets and using simplification steps; understand identity & contradiction equations Vocabulary: equation, solve, solution, identity, contradiction	SG: 50-58 PT: 13-15	
		Progress: 1 st _____ 2 nd _____ 3 rd _____	

1D	(1-6) Use graphs, tables, ordered pairs and mappings to represent relations; determine reasonable domain and range for real-world problems Vocabulary: coordinate plane, origin, relation, mapping, domain, range, independent variable, dependent variable	SG: 1, 59-64 PT: 16-18	
		Progress: 1 st _____ 2 nd _____ 3 rd _____	
1E	(1-7 & 1-8) Determine if a relation is a function; use function notation to describe a function relationship; evaluate functions for given values; interpret important features of a function Vocabulary: function, continuous function, discrete function, intercept, line symmetry, positive, negative, increasing, decreasing, relative extrema, end behavior	SG: 5, 65-75 PT: 19-22	
		Progress: 1 st _____ 2 nd _____ 3 rd _____	
2A	(2-1 & 2-2) Translate between verbal equations and algebraic equations; solve one-step equations using the properties of equality	SG: 1-2, 9-24 PT: 1-5	
		Progress: 1 st _____ 2 nd _____ 3 rd _____	

2B	(2-3 & 2-4) Solve multi-step equations, including consecutive integer equations; solve equations that have variables on both sides	SG: 3, 25-46 PT: 6-11	
		Progress: 1 st ____ 2 nd ____ 3 rd ____	
2C	(2-5) Evaluate expressions and solve equations involving absolute value and margin of error	SG: 4, 47-54 PT: 12-14	
		Progress: 1 st ____ 2 nd ____ 3 rd ____	
2D	(2-6 & 2-7) Solve equations involving proportions; solve problems involving percent increase or percent decrease	SG: 5-7, 55-70 PT: 15-20, 25	
		Progress: 1 st ____ 2 nd ____ 3 rd ____	
2E	(2-8) Solve equations for a given variable (literal equations); convert units of measure using dimensional analysis	SG: 71-77 PT: 21-22	
		Progress: 1 st ____ 2 nd ____ 3 rd ____	

2F	(2-9) Solve application problems involving weighted averages (mixtures)	SG: 8, 78-80 PT: 23-24	
		Progress: 1 st _____ 2 nd _____ 3 rd _____	
3A	(3-1 & 3-2) Graph a linear equation in standard form using intercepts; interpret the intercepts; graph a linear equation using a table; state the domain and range of real-world linear models; find and interpret the zeros of linear functions and the roots of their related equations	SG: 1-2, 4-5, 10-26 PT: 1-9	
		Progress: 1 st _____ 2 nd _____ 3 rd _____	

- Each learning target will be assessed the week it is taught. It will be assessed again at least one more time a week or two later.
 - If the last grade for a learning target is the highest grade for that learning target, then that will be the grade for the learning target (replacing any lower grades in the grade book).
 - If the last grade is not the highest grade for that learning target, then the most recent grade will be averaged with the existing grade.
 - Parents may be notified when a score of 0 or 1 is earned on any learning target.

Score Conversions:

Target Score	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
Percent	40	45	50	55	60	65	70	75	80	85	90	95	100