

STAAR ALTERNATE 2 INSTRUCTIONAL TERMS FOR MATHEMATICS

For all subject areas, TEA provides a list of specific instructional terms that students will need exposure to during classroom instruction because the terms may be used on the assessment. However, the lists do not reference all the content a student would be responsible for. Students must become familiar with these terms as they are developmentally able to comprehend the content. Students in higher grades need to also know the terms presented in earlier grades.

Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Algebra
Numerical Representations and Relationships, and Computations and Algebraic Relationships - add, addition, addition sentence - addition symbol, plus, + - amount - equals, equally, equal-sized - even, even number - greatest, least - group - how many - left, left over - less than - minus, - - missing number - model - more, more than - number line - number sentence - odd, odd number - represent, represented - split - takes away - total, total number	Numerical Representations and Relationships - base-10 blocks, blocks - bigger - divide, divides, divided - eighths - equal parts - expanded form - fourth(s) - fraction - half, halves - larger, smaller - one-half - ones, tens, hundreds - same sized - set - whole	Numerical Representations and Relationships - added together - composed - skip count - thousands	Numerical Representations and Relationships - diagram, strip diagram - greater than, less than - one-fourth - place value blocks - relationship between - shade, shaded - sixths - standard form	Probability and Numerical Representations, and Computations and Algebraic Relationships - chance - cost - division - multiplication, times - separate - subtract - three-fourths - underlined	Numerical Representations and Relationships - digit - place value: ones place, tens place, hundreds place, thousands place	Numeric and Algebraic Methods - axis, x-axis, y-axis - equivalent - grouping - lower - operation - prices - quantity, quantities - series (of numbers) - simplified form - solved
Geometry and Measurement - amount - balance scale - compares	Computation and Algebraic Relationships - altogether - gives away - increase, increased, increases, increasing - pattern - remains - unknown number	Computations and Algebraic Relationships - complete - creates - equal sign, = - expression - has left - shape: semicircle	Computation and Algebraic Relationships - both sides - equation, equations - equal groups - purchased	Geometry and Measurement - area - continuous curved side - curved surface - edges, flat edges - feet - formula - line of symmetry - measurements - middle - oval - quadrilateral - two-dimensional, three-dimensional - units, square units - width	Computations and Algebraic Relationships - column - counting backwards - each - intervals - variable	Linear, Quadratic, and Exponential Functions, Equations, and Inequalities - array - decreased - doubled - factor - input, input numbers, input-output table, output, output numbers - multiply, multiplies, multiplied - number pair - power, third power, fourth power - process - receives - sell, sold - squared (verb) - starts
Geometry and Measurement - amount - balance scale - compares	Computation and Algebraic Relationships - altogether - gives away - increase, increased, increases, increasing - pattern - remains - unknown number	Geometry and Measurement - classified - foot - form - greater - length, lengths - put together - ruler - shapes: irregular polygon, parallelogram, polygon, trapezoid - sorted - vertices	Geometry and Measurement - halfway - located - nearest - perimeter - placed - point - shorter - tool	Geometry and Measurement - area - continuous curved side - curved surface - edges, flat edges - feet - formula - line of symmetry - measurements - middle - oval - quadrilateral - two-dimensional, three-dimensional - units, square units - width	Geometry and Measurement - closer - coordinate grid - location - proportional	Data Analysis and Personal Financial Literacy - after - data points - dot plot - scatterplot
Geometry and Measurement - amount - balance scale - compares	Geometry and Measurement - angle - a.m., p.m.	Data Analysis and Personal Financial Literacy - cashier - charity				

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• container • corner, corners • curved sides • distance • equal • faces • figures: cone, cube, cylinder, prism, pyramid, rectangular prism, sphere • flat, flat base • gallon • inch, inches • large, small • less than • measure, measures, measured • more than • object • pounds, lbs. • right, left • round, rounded • same as • scale, balance scale • shapes: circle, hexagon, pentagon, rectangle, square, triangle • short, shorter, tall • sides • straight sides • surface • weight, weighs	• arrive, leave • between • clock, o'clock • cup • different-sized • empty, full • exactly • flat surface • morning, night • opposite • same, different • shaped • size • time	• collect • donation • withdrawal, withdraw, withdrawing	Data Analysis and Personal Financial Literacy • calculate • dividing • job • long, longer, longer than • survey, surveyed • table	Data Analysis and Personal Financial Literacy • combination • deposit • profit		
Data Analysis and Personal Financial Literacy • amount • bank account, bank • buy, buying, bought • cents, dollar, money • charity	Data Analysis and Personal Financial Literacy • bar graph • bill, dollar bill • more • pay, paying, paid • presented • same • worth					

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• chart • coin: dime, nickel, penny, quarter • count, counting • data, information • donate, give, giving • earn, earns, earning • fewer • graph • group • how many, how many more • income • list • model • picture graph • represent(s) • row • save, saved, saving, savings • spend, spending, spent • symbols: \$, ¢ • tally chart, tally marks • value						