STAAR Alternate 2 Mathematics Instructional Terms

The curriculum that will be assessed each year for STAAR Alternate 2 is determined by the essence statements that are selected for each administration. Teachers should refer to the Curriculum Framework documents for each selected essence statement to locate the prerequisite skills that are linked to that essence statement. Instruction should focus on the listed prerequisite skills. The teacher should determine what skills have been mastered and which need to be taught according to the developmental level of the student. The goal should be to assist the student in attaining the highest academic level the student is capable of within a given year. In addition to the prerequisite skills, there are instructional terms that students will need exposure to during instruction. This list does not encompass all the curriculum a student would be responsible for; it is a unique list of instructional terms developed by educator teams. Students need to become familiar with these terms as the student is developmentally able to comprehend the content. Students in higher grades need to also know the terms presented in earlier grades.

Grade 3 Mathematics

addition, plus, total	amount	chart	column, row
compare: more than, greater than, less than	counting by (a number)	data	distance
dollars	earns, wants, needs, spend, buy, save, cost	equals, equal to, equal sign	fractions: cut into equal pieces
graph, picture graph	height	inches	increase/decrease
least/greatest	measure, measurement, length, side, perimeter, inch, ruler	missing number, missing total, empty box	model
number line, vertical, horizontal	number sentence	order: least, greatest, most	parts
pattern	pentagon, cube	perimeter	point, number line
represent	set/group	shapes: circle, square, rectangle, triangle, sides	short, long
sides	subtraction, minus, how many left	symbols: +, - , = , ¢ , $	value
whole number	wide/width		

Grade 4 Mathematics

angle	balance scale	corners	equation
fractions: shaded parts of a whole, divided into equal parts, whole, one-half, one-third, one-fourth, one-eighth, half, halves, thirds, fourths, eighths	how many more	number chart	place value, tens, ones
strip diagram			

Grade 5 Mathematics			
area, square units	bank, savings account, allowance	bar graph	coins: penny, nickel, dime, quarter, cents
distance	income	next to, between	perimeter formula: length + width + length + width
rhombus	volume/capacity		
Grade 6 Mathematics			
altogether	area formula: length x width	division, divided by	equal values
equivalent fractions	fact family	foot, feet, units	multiplication, multiply, times, product
smallest/largest	standard form, expanded form		
Grade 7 Mathematics			
across	chance/probability	double	input/output
line segment	predict	random	rule
trapezoid	variables/unknown		
Grade 8 Mathematics			
array	borrow, pay back, interest, expense	coordinate grid, location	degree, protractor
narrow/wide	polygon	record (on a graph)	solution
vertices/sides	volume: cup, quart, gallon	x-axis, y-axis	
Algebra I			
exponent, squared	expression	factor	line graph
operations, order of operations	parentheses/brackets	percent	quantity
relationship	simplified expression	simplified form	symbols: %