

		1st six weeks		2nd six weeks		3rd six weeks		4rd six weeks		5th six weeks		6th six weeks		
		6 days/2.5 wks	7 days/3wks	8 days/3.5 wks	10 days/4 wks	10 days/5 wks	10 days/4 wks	15 days/6 wks	15 days/6 wks	1+5 day/3 wks	2review+6after/3wks			
Essential Units of Study		01 Equations and inequalities with 1 variable	02 Foundations of Functions	03 Intro to Linear Equations in 2 variables	04 Linear Equations and Inequalities in 2 Variables	05 Systems of Linear Equations and Inequalities in 2 Variables	06 Polynomials	07 Quadratics	08 Exponential Functions	09 EOC Review & After STAAR Suggestions				
	Content Topics	Students will be able to solve multi-step equations and inequalities as well as literal equations and inequalities.	Students will be able to identify functions in a variety of ways, determine the domain and range of continuous and discrete functions using inequalities. Students will be able to use function notation to evaluate functions. Students will be able to see the relationship between variables and quantities.	Students will be able to create arithmetic sequences given patterns, calculate the range of change and slope. Students will be able to graph linear equations and identify key features of the graph.	Students will be able to write and graph linear equations in different forms including parallel and perpendicular lines. Students will be able to determine the effects of transformations on the graph. Students will be able to determine line of best fit and correlation coefficient and be able to evaluate for reasonableness.	Students will be able to write, graph, and solve linear systems of equations and systems of inequalities	Students will perform operations on polynomial functions in order to re-write them in equivalent forms, to include adding, subtracting, multiplying, dividing, and by using the laws of exponents. Students will also simplify radical expressions.	Students will use the properties of quadratic functions to write, graph, and represent them, with and without technology. They will also solve quadratic equations using a variety of methods.	Students will use properties of exponential functions to graph, write, and represent them in multiple ways, with and without technology. Students will make connections between exponential functions and geometric sequences.	Students will review for the STAAR EOC Algebra I exam required for graduation. After STAAR Suggestions: Proportions with shapes, radicals: simplifying & operations, factoring with area, more solving equations with shapes, more literal equations				
		Readiness TEKS	A.5A	A.2A A.6A	A.2C A.3BC	A.3D	A.2I A.5C	A.10E A.11B	A.9CD					
		Supporting TEKS	A.5B A.12E	A.4B A.12AB	A.2DG A.3A A.12CD	A.2BEFGH A.3AE A.4AC	A.3FGH	A.10ABCDF A.11A	A.6BC A.7B A.8B	A.9ABE A.12CD				
McGraw Hill Resources		2-3, 2-6, 2-8, 5-3	1-6, 1-7, 9-1, p286, 4-5, 4-5 ext	3-1, 3-2, 3-3, 3-4, p220 PAP: 3-5	4-1, 4-2, 4-3, 4-4, 5-6, PAP: 4-1 ext, 4-6	6-1 to 6-6	8-1 to 8-3, 8-5 to 8-7 PAP: 7-1, 7-2, 10-2, 11-8	8-7, 8-8, 8-9, 9-1, 9-2, 9-3, 9-4, 9-5	7-5, 7-6, 7-6 ext, 7-8, 11-2					