







## Mt. Zion High School Curriculum Map

Name: Chris Ellis

Department: Math

Subject: Algebra 1

Quarter	Essential Skills	Strategies and Activities	CC Standards	Assessments
2	4. Students will be able to understand, manipulate, and create equations of linear functions.	4a. Students will write and graph linear equations in slope-intercept form and model real-world data with equations in slope-intercept form.	F.BF.3 S.ID.7	Daily Assignments
		4b. Students will write an equation of a line in slope-intercept form given the slope and one point and given two points.	F.BF.1 F.LE.2	
		4c. Students will write equations of lines in point-slope form and in different forms	F.IF.2 F.LE.2	Mid-Chapter Quiz
		4d. Students will write an equation of a line that passes through a given point, parallel or perpendicular to a given line.	F.LE.2 S.ID.7	
	5. Students will be able to understand, manipulate, and create linear inequalities.	4e. Students will investigate relationships between quantities by using points on scatter plots and use lines of fit to make and evaluate predictions.	F.LE.2 S.ID.6a S.ID.6c	Chapter 4 Test
		5a. Students will solve linear inequalities by using addition and subtraction.	A.CED.1 A.REI.3	Daily Assignments
		5b. Students will solve linear inequalities by using multiplication and division.	A.CED.1 A.REI.3	
		5c. Students will solve linear inequalities involving multiple steps and the distributive property.	A.CED.1 A.REI.3	Mid-Chapter Quiz
5d. Students will solve compound inequalities containing the word <i>and</i> and <i>or</i> and graph their solution set.	A.CED.1 A.REI.3			

## Mt. Zion High School Curriculum Map

Name: Chris Ellis

Department: Math

Subject: Algebra 1

Quarter	Essential Skills	Strategies and Activities	CC Standards	Assessments
2	6. Students will be able to understand, manipulate, and create systems of linear equations and inequalities.	5e. Students will solve and graph absolute value inequalities involving $<$ and $>$ .	A.CED.1 A.REI.3	Daily Assignments
		5f. Students will graph linear inequalities on the coordinate plane and solve inequalities by graphing.	A.CED.3 A.REI.12	Chapter 5 Test
		6a. Students will determine the number of solutions a system of linear equations has and solve it by graphing.	A.CED.2 A.REI.6	Daily Assignments
		6b. Students will solve systems of equations by using substitution and solve real-world problems involving systems of equations.	A.REI.6	
		6c. Students will solve systems of equations using elimination with addition, subtraction, and multiplication, and solve real-world problems involving systems of equations.	A.REI.5 A.REI.6	Mid-Chapter Quiz
		6d. Students will determine the best method for solving systems of equations and apply systems of equations.	A.REI.6	
		6e. Students will solve systems of linear inequalities by graphing and will apply systems of linear inequalities.	A.REI.12	Chapter 6 Test