Mrs. Logan Advanced Math
Week 30: March 25-28

Module 4: Graphs of Linear Equations and Systems of Linear Equations
Topic B: Slope and Equation of a Line
Topic C: Solving Systems of Linear Equations

	Monday March 25th	Tuesday March 26th	Wednesday March 27th	Thursday March 28th	Friday March 29th
Lesson	Lesson 10: Comparing Equations in Different Forms	Module 4 Topic B Quiz	Lesson 11: Solving Systems of Linear Equations	Lesson 12: Identifying Solutions	SPRING BREAK!
Pages	151-162	75-162	165-176	177-188	
We will…	rewrite linear equations in another form to identify whether the equations represent the same line.	write, graph and analyze linear equations	use new strategies to find solutions that satisfy two different constraints.	determine wehter lines are parallel and analyze the solution to systems of equations represented by parallel lines.	
Bell Ringer	Stained Glass	Quiz Prep	Two Quantities	Idetifying Slope and Y-Intercept	
Exit Ticket	Study Guide	Quiz Feedback	Solution to the System	Solution?	
I will...	write linear equations from tables and determine if different linear equations represent the same line.	determine equations that represent lines in multiple forms and graph and analyze linear equations.	graph a system of linear equations to identify the solution as the oredered pair representing the intersection point.	analyze a system of linear equations to determine whether a solution exist.	
Reminders	Stained Glass Project for a grade. Study Guide in class today.	M4TB Quiz		Sprints for a grade.	

State Standards	
	8.EE.BUnderstand the connections between proportional relationships, lines, and linear equations.
	8.EE.B.5Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.
	8.EE.B.6Use similar triangles to explain why the slope m is the same between any two distinct points on a non-vertical line in the coordinate plane; derive the equation y = mx for a line through the origin and the equation y = mx + b for a line intercepting the vertical axis at b.
	8.EE.C.8.aUnderstand that solutions to a system of two linear equations in two variables correspond to points of intersection of their graphs, because points of intersection satisfy both equations simultaneously.
	8.EE.C.8.bSolve systems of two linear equations in two variables algebraically, and estimate solutions by graphing the equations. Solve simple cases by inspection.