Mrs. Medlen
Pre-Calculus
Lesson Plans

CARROLL HIGH SCHOOL

	Monday 10/16	Tuesday 10/17	Wednesday 10/18	Thursday 10/19	Friday 10/20
ACCRS **(Objectives):**	*Precalculus 5 (+) Recognize vector quantities as having both magnitude and direction. Represent vector quantities by directed line segments, and use appropriate symbols for vectors and their magnitudes (e.g., **v**, |v|, ||v||, v). [N-VM1]* *Precalculus6 Find the components of a vector by subtracting the coordinates of an initial point from the coordinates of a terminal point. [N-VM2]* *Precalculus 8 (+) Add and subtract vectors. [N-VM4]* *Precalculus-9 Multiply a vector by a scalar. [N-VM5]*				
Before:	*Homework Review (#5-6)	*Quiz (Vectors and Operations)	*Review Quiz (Commonly Missed Problems)	*Homework Review	*Homework Review
During:	*Group Collaboration: Vectors Extra Practice 1-6	*Lesson: Vectors in Geometry (Introduction to Graphing)	*Lesson: Vectors in Geometry (Application Problems)	*Lesson: Applications of Vectors	*Stamp Activity: More Applications of Vectors
After:	*Khan Academy Discussion & Assignment	*Group Collaboration Set *Discuss and Share Answers	*Group Collaboration Set/HW Set	*Group Collaboration Set *Discuss and Share Answers	*Finish Stamp Activity
Desired Outcome:	Students will be able to discuss vectors and perform operations on vectors.	Students will be able to sketch vectors in the coordinate plane.	Students will be able to solve real world application problems involving vector quantities.		
Formative/ Summative:	Student questioning throughout lesson and collaboration	Quiz	Student questioning throughout lesson and collaboration	Student questioning throughout lesson and collaboration	Stamp Activity
Critical Questions:	*n/a*	*Explain the result of adding two vectors geometrically. (Explain parallelogram vs triangle method)*	*Explain how to determine the magnitude and direction of a resultant force.*	*Explain the types of real world situations where vectors are used.*	*n/a*