Math Instructional Framework

Full Name	
Time Frame	6 weeks Unit 5
Unit Name	Polynomial Functions
Learning Task/Topics/ Themes	Investigate Planes

Standards **and** Elements	**MM3G3. Investigate planes**
	    a. Plot (x,y,,z) and understand it as the vertex of a rectangular prism
	    b. Apply distance formula in 3-space

Lesson Essential Questions	How to plot a point in 3-dimension and a rectangular prism when given two diagonal points? How to apply distance formula in 3-space?
Activator	`Review distance formula for two-dimensional` `Use corner of room to describe 3-dimensions`
Vocabulary	Three-dimensional coordinate system, xyz plane and intercepts rectangular prism distance formula
Work Session	Kuta software Infinite Algebra 2 "Points in three dimensions" and "Planes" textbook examples
Summarizing/Closing/Formative Assessment	The swimming debate learning task (frameworks) Writing to win: Acrostic "Prism"