Grades 9/10 – 11 Major Areas of Focus

Domain	9/10 Grades	11th Grade
A.SSE	Write expressions in equivalent forms to solve problems.	Write expressions in equivalent forms to solve problems.
A.APR		Perform arithmetic operations on polynomials.
A.REI	Solve equations and inequalities in one variable. Solve systems of equations. Represent and solve equations and inequalities graphically.	Solve equations and inequalities in one variable. Represent and solve equations and inequalities graphically.
F.IF	Analyze functions using different representations.	Interpret functions that arise in applications in terms of the context. Analyze functions using different representations.
F.BF		Build a function that models a relationship between two quantities.
F.LQE		Construct and compare linear, quadratic, and exponential models and solve problems.
G.CO	Experiment with transformations in the plane. Construct arguments about geometric theorems using rigid transformations and/or logic.	
G.GPE	Use coordinates to prove simple geometric theorems algebraically.	
G.MG	Apply geometric concepts in modeling situations.	
S.ID	Summarize, represent, and interpret data on a single count or measurement variable. Interpret linear models.	