Algebra 1	
1st Semester Priorities A1.A-CED.A: Create equations that describe numbers or relationships. A1.A-REI.B: Solve equations and inequalities in one variable. A-SSE.A: Interpret the structure of expressions. A1.S-ID.C: Interpret linear models. A1.F-IF.B: Interpret functions that arise in applications in terms of the context. A1.F-IF.C: Analyze functions using different representations.	2nd Semester Priorities A1.F-IF.A: Understand the concept of a function and use function notation. A1.F-IF.B: Interpret functions that arise in applications in terms of the context. A1.F-IF.C: Analyze functions using different representations. A-SSE.A: Interpret the structure of expressions. A1.A-CED.A: Create equations that describe numbers or relationships. A1.A-REI.A: Understand solving equations as a process of reasoning and explain the reasoning. A1.A-REI.B: Solve equations and inequalities in one variable. A1.A-REI.D: Represent and solve equations and inequalities graphically.
Students will:	Students will

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Include standard code

Algebra 2	
1st Semester Priorities	2nd Semester Priorities
A-SSE.A: Write expressions and equations in equivalent forms to solve problems. **A1.A-CED.A**: Create equations that describe numbers or relationships and graph functions by representing any constraints **A2.A-REI.D:** Represent and solve systems of equations and inequalities algebraically and graphically. **A2.N-CN.A:** Perform arithmetic operations with complex numbers. **A2.N-CN.B:** Use complex numbers in polynomial identities and equations. **A2.A-REI.B** Solve quadratic equations and inequalities in one variable. **A2.F-IF.B:** For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. **A2.F-BF.A:** Build new functions that model a relationship between two quantities using transformations.	**A2.F-BF.A**: Build a function that models a relationship between two quantities. **A2.A-APR.A:** Perform arithmetic operations on polynomials. **A2.A-APR.B:** Understand the relationship between zeros and factors of polynomials. **A2.A-REI.A.2:** Solve rational and radical equations in one variable and give examples showing how extraneous solutions may arise. **A2.F-IF.C:** Graph and analyze functions using different representations: numerically. Algebraically and graphically. **A2.F-LE.A:** Construct and compare linear, quadratic, exponential and logarithmic models and solve problems. **A2F-TF.A:** Extend the domain of trigonometric functions using the unit circle. **S-ID.A:** Summarize, represent, and interpret data using the mean and standard deviation.

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Algebra 2	
1st Semester Priorities	2nd Semester Priorities
PC.F-PREL.A: Identify, graph, analyze functions and perform function operations. **PC.F-PREL.B:** Analyze, graph, and solve problems using polynomial and rational functions. **PC.F-PREL.C:** Analyze, graph, and solve problems using exponential and logarithmic functions. **PC.F-SS.B:** Reason with functions involving matrices.	**PC.F-TF.A:** Analyze, graph, and solve problems using trigonometric functions. **PC.F-TF.B**: Use trigonometric identities to solve problems. **PC.F-AG.A:** Solve problems using properties of analytic geometry including conic sections. **PC.F-AG.A:** Solve problems using properties of analytic geometry. **PC.F-SS.B:** Reason with functions involving parameters, vectors, and matrices.