Saada Year Plan 2021-2022

September 5, 2022November 3, 2022	November 6, 2022January 19, 2022	January 22, 2023March 20, 2023	March 21, 2023June 14, 2023
Algebra II			
Review - Solving multi step equations - Evaluating algebraic expressions - Linear functions - Polynomial operations - Factoring polynomials	 Unit 4: Defining and Evaluating a logarithmic Function. BF.5. Understand the inverse relationship between exponents and logarithms and use this relationship to solve problems involving logarithms and exponents. Unit 5: Properties of Logarithms. BF.5. Understand the inverse 	 Unit 7: Laws of Sine and Cosine SRT.10.(+) Prove the Laws of Sines and Cosines and use them to solve problems. Unit 8: Polynomials Polynomial features and Graphs. Operations with polynomials. Unit 9: Data-Gathering Techniques 	Unit 10: Probability Distribution IC.2 Decide if a specified model is consistent with results from a given data-generating process, Unit 11: Normal Distributions S.ID.4 Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Recognize that
function notation. Analyze functions using different representations. Identify domain and range given graph and function notations.	relationship between exponents and logarithms and use this relationship to solve problems involving logarithms and exponents. Unit 6: Trigonometric Ratios	IC.1 Understand statistics as a process for making inferences about population parameters based on a random sample from that population.	there are data procedure is calculators, tables to the normal tables tab
Unit 2: Quadratic Functions. HSA.REI Solve quadratic equations in one variable. Factor a quadratic expression to reveal the zeros of the function it defines.	Prove and apply trigonometric identities	ID 9.4 Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages.	
Unit 3 : Exponential Growth. LE.3 Observe using graphs and tables that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or (more generally) as a polynomial function.Compare and identify exponential functions, decay/growth. Apply exponential functions to the real world.			