

PreCalculus 2016-2017

Months	September				October				November				December				January				February				March				April				May				June	
Week #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Subject	Functions and Their Graphs				Polynomial and Rational Functions				Thanksgiving & Parent Teacher Conferences	Exponential and Logarithmic Functions				Christmas Break	1 <sup>st</sup> Semester Exams	Trigonometric Functions				Analytic Trigonometry				Applications of Trigonometry				Spring Break SAT Testing	Introduction to Limits and Continuity				2 <sup>nd</sup> Semester Final Exams					
Focus	Functions, Library of Functions, Properties of Functions, Graphing Techniques, Composite Functions, Constructing Functions				Quadratic Functions and Models, Polynomial and Rational Functions, Analyzing Graphs of Rational Functions, Rational Inequalities, Real Zeros and Complex Zeros of a Polynomial Function				One to One Functions, Inverse Functions, Exponential and Logarithmic Functions, Properties of Logarithms				Unit Circle, Properties of Trigonometric Functions, Graphs and Phase Shifts of Trigonometric Functions				Inverse Trigonometric Functions, Trigonometric Identities, Sum and Difference Formulas, Double Angle Formulas, Half Angle Formulas, Trigonometric Equations				Right Triangle Trigonometry, The Law of Sines, The Law of Cosines, Area of a Triangle				Finding Limits Graphically, Analytically, Algebraically; Intermediate Value Theorem, Infinite Limits, Limits at Infinity													

This Pacing Guide was updated on 1-11-2017