

Precalculus Honors Year at a Glance

Course # [1202340](#)

CPALMS link to Benchmarks : <https://www.cpalms.org/PreviewCourse/Preview/20567>

Please Note: All standards in the state course description are designed to be learned by the end of the course. This guide represents recommended timeline and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will be addressed in a specific course are best answered by the individual teacher.

Instructional Resource: HMH Precalculus Third Edition (students have access thru their classlink account)

In the Precalculus Honors course, instructional time will emphasize six areas:

- (1) extending right triangle trigonometry to unit circle trigonometry and trigonometric functions
- (2) extending understanding of functions to trigonometric
- (3) developing understanding of conic sections
- (4) representing and performing operations with complex numbers and vectors in the coordinate plane
- (5) extending understanding of relations in the plane using parametric representations, including polar coordinates
- (6) analyzing arithmetic and geometric sequences and series.

Estimated Pacing:

Quarter 1	Quarter 2
Chapter 0-Review: Equations and Inequalities Chapter 1-Functions and Their Graphs Chapter 2-Polynomial and Rational Functions	Chapter 3-Exponential and Logarithmic Functions Chapter 4-Trigonometric Functions of Angles Chapter 5-Trigonometric Functions of Real Numbers
Quarter 3	Quarter 4
Chapter 6-Analytic Trigonometry Chapter 7-Vectors, The Complex Plane, and Polar Coordinates Chapter 8-Systems of Linear Equations and Inequalities	Chapter 9-Conics, Systems of Nonlinear Equations and Inequalities, and Parametric Equations Chapter 10-Sequences and Series Chapter 11-Limits: A Preview of Calculus