SECONDARY INSTRUCTION 2026-2027

New Caney ISD 2026-2027 Annual Sequence
PreCalculus

1st Nine Weeks
Unit 1.1 – Degrees and Radians TEKS: PC.4B
Unit 1.2 – Arc Lengths TEKS: PC.4B, PC.4C, PC.4D
Unit 1.3 – Angular and Linear Velocity TEKS: PC.4B, PC.4C, PC.4D
Unit 2.1 – Basic Trigonometric Functions TEKS: PC.4A, PC.4B, PC.4C, PC.4E
Unit 2.2 – Quadrant Angles & Special Angles TEKS: PC.2P, PC.4A, PC.4B, PC.4C, PC.4E
Unit 2.3 – Angles in Standard Form TEKS: PC.4B, PC.4C
Unit 2.4 – Domain & Range TEKS: PC.2P, PC.4A, PC.4B, PC.4C, PC.4E
Unit 3.1 – Unit Circle TEKS: PC.4A, PC.4B, PC.4F
Unit 3.2 – Solve Right Triangles TEKS: PC.4A, PC.4B, PC.4F
Unit 3.3 – Right Triangle Trig Applications TEKS: PC.4A, PC.4B, PC.4F
Unit 3.4 – Calculus Bearing and Course TEKS: PC.4A, PC.4B, PC.4F
2nd Nine Weeks
Unit 4.1 – Law of Sines TEKS: PC.4F, PC.4G
Unit 4.2 – Law of Cosines TEKS: PC.4F, PC.4H
Unit 4.3 – Area of Oblique Triangles TEKS: PC.4F, PC.4G, PC.4H
Unit 5.1 – Sinusoids, Amplitude, Period TEKS: PC.2D, PC.2F, PC.2I, PC.2O
Unit 5.2 – Shifts and Translations TEKS: PC.2D, PC.2F, PC.2G, PC.2I
Unit 5.3 – Inverse, Domain, Range TEKS: PC.2D, PC.2F, PC.2H, PC.2I
Unit 6.1 – Fundamental Trigonometric Identities TEKS: PC.5M
Unit 6.2 – Solving Trigonometric Identities TEKS: PC.5M

Unit 6.3 – Sum and Difference Formula TEKS: PC.5M
Unit 6.4 – Solving Trigonometric Equations TEKS: PC.5M, PC.5N
3rd Nine Weeks
Unit 7.1 – Translations of Graphs TEKS: PC.2D, PC.2F, PC.2G, PC.2I, PC.2K, PC.2L
Unit 7.2 – Piecewise Functions TEKS: PC.2D, PC.2K, PC.2L
Unit 7.3 – Composition of Functions TEKS: PC.2A, PC.2B, PC.2C, PC.2K, PC.2L
Unit 7.4 – Inverse Functions TEKS: PC.2E, PC.2K, PC.2L
Unit 8.1 – Polynomial Equations TEKS: PC.2F, PC.2G, PC.2I, PC.2J, PC.2N
Unit 8.2 – Factor Theorem TEKS: PC.2F, PC.2G, PC.2I, PC.2J, PC.2N, PC.5J, PC.5K
Unit 8.3 – Roots of Polynomials (1 A/B days) TEKS: PC.2F, PC.2G, PC.2I, PC.2J, PC.2N, PC.5J, PC.5K
Unit 9.1 – Synthetic Division TEKS: PC.2F, PC.2G, PC.2I, PC.2J, PC.2M, PC.2N, PC.5L
Unit 9.2 – Rational Functions TEKS: PC.2F, PC.2G, PC.2I, PC.2J, PC.2M, PC.2N, PC.5L
Unit 9.3 – Discontinuities TEKS: PC.2F, PC.2G, PC.2I, PC.2J, PC.2K, PC.2M, PC.2N, PC.5L
Unit 10.1 – Exponential Equations TEKS: PC.2F, PC.2G, PC.2I, PC.2J, PC.2N, PC.5G, PC.5H
4th Nine Weeks
Unit 10.2 – Logarithmic Equations TEKS: PC.2F, PC.2G, PC.2I, PC.2J, PC.2N, PC.5G, PC.5I
Unit 11.1 – Vectors and Scalars TEKS: PC.4I, PC.4J, PC.4K
Unit 11.2 – Vector Operations TEKS: PC.4I, PC.4J, PC.4K
Unit 11.3 – Unit Vectors TEKS: PC.4I, PC.4J, PC.4K
Unit 11.4 – Linear Combination Form TEKS: PC.4I, PC.4J, PC.4K
Unit 11.5 – Force Problems TEKS: PC.4I, PC.4J, PC.4K
Unit 12.1 – Circles TEKS: PC.3F, PC.3G
Unit 12.2 – Ellipses TEKS: PC.3F, PC.3G, PC.3H
Unit 12.3 – Hyperbolas TEKS: PC.3F, PC.3G, PC.3I
Unit 12.4 – Parabolas TEKS: PC.3F, PC.3G