

2022-2023 Pre-Calculus Year-At-A-Glance

Unit Title	Student Expectations	Suggested Instructional Days
1st Nine Weeks: August 18 – October 14		
1.1 Rationals	A2.7D, A2.7E, A2.7F	12
1.2 More rationals and radical	A2.7F, A2.7G	14
1.3 Analyzing graphs	P.2F, P.2I, P.2D, P.2J	13
2nd Nine Weeks: October 17 – December 16		
2.1 Step, Piecewise and composite functions	P.2J, P.2F, P.2C, P.2G	10
2.2 Inverse, polynomial, and rational functions	P.2A, P.2C, P.2F, P.2G, P.2I,	12
2.3 Inequality, exponential, and logarithmic functions	P.2F, P.2I, P.2J, P.2K, P.2L, P.2N	13
3rd Nine Weeks: January 4 – March 10		
3.1 More logs and introduction to trigonometry	P.2P, P.4B, P.4D, P.5G, P.4A	17
3.2 Sinusoids and graph sine and cosine	P.2F, P.2I	12
3.3 Laws of sine and cosine and other trigonometrical identities	P.4G, P.4H, P.5M	17
4th Nine Weeks: March 20 – May 25		
4.1 Conics	P.3H, P.3I	14
4.2 Vectors	P.4I, P.4J, P.4K	13
4.3 Polar coordinate grid and sigma and Sequencies and series	P.3D, P3.E, P.2F, P.5A, P.5B, P.5C, P.5D, P.5E	18

Process standards should be embedded into instruction daily (A.1A, A.1B, A.1C, A.1D, A.1E, A.1F, and A.1G)

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2022-2023 Pre-Calculus PAP Year-At-A-Glance

Unit Title	Student Expectations	Suggested Instructional Days
1st Nine Weeks: August 18 – October 14		
1.1 Algebra 2 review		17
1.2 Intro to functions	P.2F, P.2A, P.2B, P.2C, P.2I, P.2K, P.2J, P.5K, P.5L	16
1.3 Exponentials and Logarithms	P.2I, P.2D, P.2K, P.2G, P.5G, P.5H	6
2nd Nine Weeks: October 17 – December 16		
2.1 Exponential and Logarithms	P.2I, P.2D, P.2K, P.2G, P.5G, P.5H	10
2.2 Intro to trigonometry	P.5I, P.4E, P.4A, P.4B, P.4C, P.2P, P.2F, P.2G	15
2.3 Trigonometry	P.2F, P.2G, P.2H, P.2I, P.4F	11
3rd Nine Weeks: January 4 – March 10		
3.1 Trigonometry identities	P.5M, P.5N	17
3.2 Trigonometry Laws and Vectors	P.4G, P.4H, P.4J, P.4I	16
3.3 Conics	P.3H, P.3I	15
4th Nine Weeks: March 20 – May 25		
4.1 Polar coordinates	P.3A, P.3B, P.3C, P.3D	21
4.2 Sequences and Series	P.5A, P.5B, P.5C, P.5D, P.5F	14
4.3 Tangent Lines		9

Process standards should be embedded into instruction on a daily basis (A.1A, A.1B, A.1C, A.1D, A.1E, A.1F, and A.1G)

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