

Quarter #2 Schedule:**BC Calculus**

Big Ideas:	Timeline	Topics/Themes/Concepts	Assessments *
Applications of the Derivative	Week # 1	Related Rates 5.4-5.6 Review	5.4-5.6 Quiz
	Week # 2	Summative 1 Review 6.1 Estimating with Finite Sums 6.2 Definite Integrals	Summative
The Definite Integral	Week#3	6.3 Definite Integral and Antidifferentiation 6.1-6.3 Review	AP Classroom Practice
Rules of Antidifferentiation	Week#4	6.4 Fundamental Theorem of Calculus 6.4 Practice	6.1-6.3 Quiz
Methods of Antidifferentiation	Week#5	6.5 Trapezoidal Rule Chapter 6 Review 7.2 U-substitution	Chapter 6 Test
	Week#6	7.3 Integration by Parts Partial Fraction Decomposition	
Applications of Antidifferentiation	Week #7	Integration Practice	7.2-7.3 quiz
	Week#8	7.1 Slope fields/ initial condition 7.4 Separation of Variables 7.4 Growth and Decay/ Radioactive Decay/ Newton's Law of Cooling 7.1 Euler's Method 7.5 Population Growth	Slope Field Take-Home Packet due
	Week#9	Chapter 7 Review 8.2 Area Between two Curves Volumes Activity	Chapter 7 Test Area Open Ended
	Week#10	8.3 Volume 8.1 Integrals of Net Change 8.1 Applications/ Hooke's Law	Volume Open Ended

*May be subject to revision