

Liberty High School – AB Calculus: 1st Nine Weeks Calendar 2019-2020

			Aug. 15 A	Aug. 16 B
			Introductions and Class Rules Review of Precal Topics Parent Function Review Practice: Precal Review WKS	
Aug. 19 A	Aug. 20 B	Aug. 21 A	Aug. 22 B	Aug. 23 A
Workday on Precal Review WKS		Limits Notes Day 1 Limits from a graph and Continuity and IVT Practice: Pg. 75 # 1, 2, 9, 11, 17, 19, 21, 24, 25 Pg. 99 #3, 5, 7, 9, 29, 32, 33, 35, 37, 39, 49, 60, 99, 100, 107		<u>Quiz on Precal Review Topics</u> Notes on Squeeze Theorem
Aug. 26 B	Aug. 27 A	Aug. 28 B	Aug. 29 A	Aug. 30 B
<u>Quiz on Precal Review Topics</u> Notes on Squeeze Theorem	Limits Algebraically and Infinite Limit Notes Practice: Limits Practice WKS		<u>Group Quiz on Limits and Continuity</u> Review for Test	
Sept. 2	Sept. 3 A	Sept. 4 B	Sept. 5 A	Sept. 6 B
Labor Day	<u>Test on Limits and Continuity</u> *Retest on 9/16 before and after school		Notes AROC, IROC, and Limit Definition of a Derivative 3.1 Pract. Pg. 123 #7, 9, 13, 17, 23, 39, 40, 42, 53, 75, 76 and WKS on Rate of Change	
Sept. 9 A	Sept. 10 B	Sept. 11 A	Sept. 12 B	Sept. 13 A
Notes on Tangent Lines and Basic Derivative Rules 3.2 Pract. Pg. 135 #5, 8, 17, 19, 23, 28, 34, 37, 43, 46, 49, 53, 55, 57, 63 and WKS on Limit Definition		<u>Quiz on 3.1 and 3.2</u> Notes on Product and Quotient Rule 3.3 Practice Pg. 146 #1, 5, 7, 13, 15, 23, 33, 42, 45, 51, 54, 67, 72, 79, 97, 113, 123		Notes on Chain Rule 3.4 Pract. Pg. 160 #7, 9, 13, 19, 21, 25, 49, 52, 57, 107, 108, 113, 159-162
Sept. 16 B	Sept. 17 A	Sept. 18 B	Sept. 19 A	Sept. 20 B
Notes on Chain Rule 3.4 Pract. Pg. 160 #7, 9, 13, 19, 21, 25, 49, 52, 57, 107, 108, 113, 159-162	Notes on Derivative Rules from a table/graph Review of Derivative Rules Practice: WKS for Practice		<u>Test on Derivatives</u> *Retest in class on 10/3 and 10/4	
Sept. 23 A	Sept. 24 B	Sept. 25 A	Sept. 26 B	Sept. 27 A
3.4 The Chain Rule with Exponential and Logarithmic Functions Practice: Pg. 161 #69, 72, 75, 80, 86, 87, 88, 91, 100, 105, 139, 143, 145, 147, 149		3.5 Implicit Differentiation Practice: Pg. 171 #1, 5, 7, 9, 11, 17, 55, 57, 65, 67, 71, 73, 83		3.6 Derivatives of Inverse Functions Practice: Pg. 178 #1, 5, 7, 10 and worksheet with 5 problems

Sept. 30	B	Oct. 1	A	Oct. 2	B	Oct. 3	A	Oct. 4	B	
3.6 Derivatives of Inverse Functions Practice: Pg. 178 #1, 5, 7, 10 and worksheet with 5 problems	<u>Quiz on Chain Rule and Implicit</u>					3.6 Derivatives of Inverse Trig Functions 3.6 Practice: Pg. 178 #23, 25, 26, 27, 29, 35, 43, 49, 51, 61				
Oct. 7	A	Oct. 8	B	Oct. 9	A	Oct 10	B	Oct. 11		
Practice Day on all Derivative Rules Practice: Mandatory WKS on Derivative Rules				<u>Group Quiz on Differentiation</u>				No School – Staff Development		
Oct. 14		Oct. 15	A	Oct. 16	B	Oct. 17	A	Oct. 18		B
No School		Extra Practice Day			PSAT – late arrival for 9 th and 12 th		<u>Test on Differentiation</u> <u>3.1-3.6</u> <u>(This test will go on the 2nd Nine Weeks)</u>			