

2019/2020 AP CHEMISTRY SCHEDULE

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UNIT 8						
ACIDS AND BASES						
DAY	DATE	CLASS ACTIVITY	16 DAYS	ASSIGN		
DAY 101	February 4	Go Over Test, Acid Base Definitions, Conjugate acid/Base Pairs, Auto Ionization of water	Read Pgs. 651-660	Excercises Chap 16: 2, 14, 15, 16, 20, 21, 28, 30, 31		97
DAY 102	February 5	pH/pOH of strong acids and bases, acid/base strength	Read pgs 660-666, 685-689	Excercises: Chap 16 - 5, 35, 38, 39, 43, 46, 48, 90, 92		98/103
DAY 103	February 6	Ka/Kb of weak acids and bases, relationship between ka and Kb	Read pgs 666-681	Excercises: Chap 16 - 4, 6, 7, 52, 55, 64, 67, 71, 73, 75		99/101
DAY 104	February 7	Lab: Ka of Weak Acids	Assign Lab Report			100
DAY 105	February 10	pH of Acid and Base reactions, Strong/Strong, Weak Strong, pH and pKa	Read pgs 714-722	Excercises Chap 17 - 6, 7, 33, 34, 37, 41, 42, 45		106/108
DAY 106	February 11	Activity: Hydrolysis of Salts	Assign: Activity and Excercises Chap 17-	79, 82, 84, 85		102
DAY 107	February 12	Review Hydrolyis, Buffers, Components of a Buffer, Buffer Capacity	Read 681-685	Excercises Chap 17 - 14, 17, 19, 20, 23, 25, 27, 29, 31 (optional - tough math problem)		106
DAY 108	February 13	Buffer Calculations, Henderson Hasselbach calculations	Read 703-713	Finish Day 108 Problems.		108
DAY 109	February 14	Lab: Prepartation of Buffer Solution	Assign: Lab Report			107
DAY 110	February 19	Review Buffer Calculations and pH of Acid/Base Reactions, Picking Indicators	Excercises: Chapter 17 - 24, 26, 38, 43, 46			108
DAY 111	February 20	Quiz: Buffers and pH of acids and Bases	Excercises: Chapter 17 - 21, 30, 35, 40, 48 (a, b)			113
DAY 112	February 21	Lab: Acid/Base Titrartions	Assign: Lab Report			109
DAY 113	February 24	Review Buffers and Calculations, Progress Checks Unit 8	Progress Checks			
DAY 114	February 25	Quiz: Unit 8, Finish Progress Checks	Finish Chapter Questions and Practice Test			113
DAY 115	February 26	Review Sheet, Go Over Progress Checks	STUDY!!!!!!			114
DAY 116	February 27	TEST UNIT 8	NONE!!!!!!			115