

| 2019/2020 AP CHEMISTRY SCHEDULE |             |  |  |  |  |  |  |  |        |
|---------------------------------|-------------|--|--|--|--|--|--|--|--------|
|                                 |             |  |  |  |  |  |  |  |        |
| UNIT 5                          | KINETICS    |  |  |  |  | 11 DAYS  |  |  |        |
| DAY                             | DATE        | CLASS ACTIVITY   |  |  |  | ASSIGN   |  |  |        |
| DAY 57                          | November 15 | Collision Model, Reaction Rates and Factors that Affect Reaction Rates                     |  |  |  | Read Pg 557-563 Excercises: 14.1, 3, 4, 17, 18, 19, 22, 23           |  |  | 81     |
| DAY 58                          | November 18 | Introduction to the Rate Law, Concentration Changes over time, 1/2 Life                    |  |  |  | Read 563-569 Ex 14.5, 6, 27, 29, 32, 33, 35, 37                      |  |  | 81, 82 |
| DAY 59                          | November 19 | Review Rate Laws, Rate Law Graphs, FRQ Problems - Rate Laws                                |  |  |  | Read 569-575 Excercises 14.7, 8, 39, 40, 41, 43, 47, 51, 52a         |  |  | 82     |
| DAY 60                          | November 20 | Temperature and Rate, Collision Model, Energy of Activation, Energy Pathway Diagrams       |  |  |  | Read 575-581 Excercises 14.9, 10, 53, 57, 59, 61, 67                 |  |  | 83     |
| DAY 61                          | November 21 | Quiz: Rate Laws, Concentration & Time, and Temperature & Rate, Pre Lab, Beer Law Intro     |  |  |  | Finish Excercises  |  |  | 84     |
| DAY 62                          | November 22 | Lab: Kinetics of a Reaction  |  |  |  | Lab Report Due day 67  |  |  | 86     |
| DAY 63                          | November 25 | Steady State Approximations, Molecularity, Multistep Reaction Energy Profile and Catalysis |  |  |  | Read Pg 581-595 Excercises 14.11, 12, 13, 14, 69, 73, 76, 78, 79, 80 |  |  | 85     |
| DAY 64                          | November 26 | Finish Catalysts, Practice Quiz: Kinetics, Progress Checks                                 |  |  |  | Progress Checks  |  |  | 84     |
| DAY 65                          | December 2  | Review Mutistep Reactions and Writing Rate Laws from Mechanisms, Group Work on FRQ         |  |  |  | Practice Test Excercises 14.81, 85, 86, 100                          |  |  | 87     |
| DAY 66                          | December 3  | Review Day   |  |  |  | STUDY  |  |  | 87     |
| DAY 67                          | December 4  | TEST UNIT 5  |  |  |  | NONE   |  |  | 88     |