

Chemistry Quarter 4

Day 1: Cd.3, Cd.6, Cd.10

#1 Class Notes 17.1-17.4 Reaction Rates

#2 Reading Notes 17.1-17.3

Day 2: Cd.6, Cd.10, Ca.1-8, Cf.11

#3 Lab 25 Chemlab 17 Concentration and Reaction Rates

#4 Reading Notes 18.1-18.2

Day 3: Cd.9, Ca.1-8, Cf.11

Quiz 1 (Stoichiometry, Review Quarters 1-3)

#5 Class Notes 18.1 Equilibrium

#6 Lab 26 Reverse Reactions 18.1 (Demo)

#7 Reading Notes 18.3

Day 4: Cd.9

#8 Class Notes 18.2-18.3 Le Chatelier's Principle, Equilibrium Constants

#9 Class Work Pg 591 52,59,65

#10 Pg 591 53,60,61,66

Day 5: Cd.2, Cf.5-8, Cf.14

Quiz 2 (Stoichiometry, Reaction Rates, Equilibrium, Lab 1)

#11 Class Notes 19.1-19.3 Acids / Bases, pH

#12 Reading Notes 19.3-19.4

#13 Pg 630 47,50,81,82

Day 6: Cf.9

#14 Lab 27 pH and Neutralization 19.1

#15 Pg 631 88,89

Day 7: Cf.9

Quiz 3 (Stoichiometry, Equilibrium Constants, Le Chatelier, Lab 2)

#16 Class Notes K_a / K_b , 19.4 Neutralization

#17 Pg 632 90,91,92,93

Day 8: Cf.9

#18 Lab 28 Titration Lab 19.2

#19 Reading Notes 20.1-20.2

Day 9: Cd.7-8

Quiz 4 (Stoichiometry, Le Chatelier, Acids/Bases, pH, Lab 3)

#20 Class Notes 20.1-20.2 Redox Reactions

#21 Reading Notes 20.3

Day 10: Ca.1-8, Cf.11

#22 Lab 29 Electron – Losing Tendencies of Metals 20.1

#23 Pg 658 44,54

Day 11: Cd.7-8

Quiz 5 (Stoichiometry, Acids/Bases, pH, Neutralizations, Lab 4)

#24 Class Notes 20.3 Half-Reactions

#25 Pg 659 56,58

Day 12: Cd.7-8, Ca.1-8, Cf.11

#26 Lab 30 Determining Oxidation Numbers 20.2 (Demo)

#27 Pg 659 57,59

Day 13: Cd.7-8, Ca.1-8, Cf.11

#28 Lab 31 Chemlab 20 Redox Reactions

#29 Reading Notes 21.1-21.2

Day 14: Cd.7-8

Quiz 6 (Stoichiometry, Acids/Bases, pH, Neutralizations, Redox Rx, Lab 5)

#30 Class Note 21.1-21.2 Chemical Cells

#31 Reading Notes 21.3

#32 Pg 692 43,44

Day 15: Cd.7-8

#33 Class Notes 21.3 Electrolysis

#34 Reading Notes 22.1-22.3

Day 16: Cc.5

Quiz 7 (Stoichiometry, Acids/Bases, pH, Neutralizations, Redox Rx, Lab 6)

#35 Class Notes 22.1-22.3 Hydrocarbons

#36 Pg 732 37,60,62

Day 17: Cc.5, Ca.1-8, Cf.11

#37 Lab 32 Chemlab 22 Analyzing Hydrocarbon Burner Gases

#38 Reading Notes 22.4-22.5

Day 18: Cc.6-7, Cc.9-10

Quiz 8 (Stoichiometry, Chemical Cells, Electrolysis, Redox Rx, Lab 7)

#39 Class Notes 22.4-22.5 Isomers, Aromatic Hydrocarbons

#40 Pg 733 63,65,67

Day 19: Cc.6-7, Cc.9-10

Quarter 4 Review

#41 Class Notes Chapter 23/24 Substituted Hydrocarbons

Day 20: Cb.4-9

#42 Class Notes Chapter 25 Nuclear Chemistry

Day 21 Quiz 9 (Review quiz – All questions will come from previous quizzes)

Study Time

Day 22: Quarter 1 Final