Teacher: Powers **Week of: 09/13/2021** **Subject: AP Chem** **Period: 5**

	OBJECTIVES	STANDARDS (from Pacing Guide)	ACTIVITIES	HOMEWORK	EVALUATION
MON	Students will review concepts of bonding and molecular geometry. Students will discuss the differences between salt metathesis, redox, and acid base reactions.	3.B.2, 6.C.1:c, 6.C.1:d, 6.C.1:e, 6.C.1:f	Before: Test Review During: Lecture After: Q and A session		Class Participation
TUE	Students will discuss the differences between salt metathesis, redox, and acid base reactions.	2.A.1:c, 2.A.3:b, 2.A.3:c, 2.B.3:b	Before: Net Ionic Equations warm up During: Lecture After: Aqueous Reactions Quiz (in Schoology)	Aqueous Reactions Quiz if not finished in class.	Class Participation Aqueous Reactions Quiz
WED	Students will identify the oxidizing agent and reducing agent in various redox reactions and balance under basic and acidic conditions.	3.B.3:a, 3.B.3:b, 3.B.3:c, 3.B.3:d	Before: Acid Base warm up During: Lecture, in-class practice problems After: Redox Basics WS, Oxidation Numbers WS, Balancing Redox WS	Redox Basics WS, Oxidation Numbers WS, Balancing Redox WS due Friday.	Class Participation Redox Basics WS, Oxidation Numbers WS, Balancing Redox WS
THU	Students will calculate the concentrations of solutions using molarity, molality, and percent by mass.	2.A.3:i, 2.A.3:j, 1.D.3:c	Before: Balancing Redox BR During: Lecture After: Concentration Calculations WS	Concentration Calculations WS due Monday	Class Participation Redox Basics WS, Oxidation Numbers WS, Balancing Redox WS
FRI	Students will use Beer's Law to calculate the concentration of an unknown solution.	LO 2.8, LO 2.9, 2.14, 2.15; SP 1, 2, 3, 4	Before: Lab briefing During: Concentration Lab After: Postlab discussion	Redox Basics WS, Oxidation Numbers WS, Balancing Redox WS due today	Class Participation Concentration Calculations WS