						Chemistry - Leadership Lesson Plan (YAG)		
						First Semister		
TEKS Strand: Unit 1 - C.1 Lab Safety and Equipment								1.2 Weeks
1st 6wks						Equipment		
						Safety Procedures		
TEKS Strand: Unit 2 - C.4 Matter								2 Weeks
1st 6wks						Properties		
						Safe		
						Classification		
						Chemical vs Physical Properites		
TEKS Strand: Unit 3 - C.2 Measurements								1 Weeks
1st 6wks						Mathematical Procedures		
						Science Notation		
						Significant Figures		
						Dimensinal Analysis		
TEKS Strand: Unit 4 - C.5 Periodic Table								3 Weeks
1st 6wks						Development of Periodic Table		
2nd 6wks						Structure Periodic Table		
						Periodic Table		
TEKS Strand: Unit 5 - C.6 Atomic Theory								2 Weeks
2nd 6wks						Development		
						History		
						Structure		
						Atomic Spectrum		
						Isolopes		
						Election Configuration		
TEKS Srand: Unit 6 - C.7 Chemical Formulas								2 Weeks
2nd 6wks						Naming Compounds		
						Writing Formulas		
						Ionic vs Covalent		
TEKS Strand: Unit 7 - C.7 Bonding								2 Weeks
3rd 6wks						Electron Dot Formulas		

						Bolnd Types		
						Molecular Geometry		
TEKS Strand: Unit 8 - C.8 Mole								2 Weeks
3rd 6wks						Concept		
						Calculate		
						Number of Adoms, Ions, Molecules		
						Present Composition		
						Empircal and Molecular Formulas		
TEKS Srtand: Unit 9 - C.8 Chemical Equations								2 Weeks
3rd 6wks						Write		
						Balance		
						Second Semester		
TEKS Strand: Unit 10 - C.9 Stoichioemetry								2 Weeks
4th 6wks						Calcutate		
						Limiting Reagents		
TEKS Strand: Unit 11 - C,9 Gas Laws								3 Weeks
4th 6wks						Calculation		
						Boyles Law		
						Charles Law		
						Avagadro		
						Daltons Law		
						Ideal Law		
						Kinelic Molecular Theory		
TEKS Strand: Unit 12 - C.10 Solutions								3 Weeks
4th 6wks						Water		
5th 6wks						Chemical and Bio Systems		
						Soluubility Rules		
						Molarity		
TEKS Strand: Unit 13 - C.10 Acids and Bases								2 Weeks
5th 6wks						Arhenius		
						Bronsted-Lowry		

						Differentiate between acid based reations vs precipitation		
						reaction vs Oxidation - reduction reactions		
						Define pH		
						Dissociation		
TEKS Strand: Unit 14 - C.11 Thermo Chemistry								2.5 Weeks
5th 6wks						Energy		
						Kinetic		
						Potentional		
						Chemical		
						Law of Conservation and Energy		
						Endo-Thermic.Exo-Thermic		
						Calorimetry		
TEKS Strand: Unit 15 - C.12 Nuclear Chemistry								2 Weeks
6th 6wks						Alpha Bete Gamma Radiation		
						Radioactive Decay		
						Balanced Nuclear Equations		
						Fissions Fusion		
TEKS Strand: Unit 16 - C.1, C.2, C.3, C.4, C.5, C.6, C.7, C.8, C.9, C.10, C,11, C.12 Making Connections								4 Weeks
6th 6wks								