

2021-2022 Chemistry Year-At-A-Glance

Unit Title	Student Expectations Suggested Instructional Days
1st Nine Weeks: August 23 – October 15 Assessment - First Nine Weeks Exam TBD	
Unit 1: Safety and Matter	1 AB, 4 ABCD
Unit 2: Measurement	3 EFGI, 3A
Unit 3: Atoms and Moles	8 AB
Unit 4: The Electron	6 ABCD
2nd Nine Weeks: October 18 – December 17 Assessment - First Semester Exam TBD	
Unit 4: Continued: The Electron	6 ABCD
Unit 5: Periodicity	5 ABC
Unit 6: Bonding	7 CDE
Unit 7: Naming	7 AB
Unit 8: % Composition	8 C
3rd Nine Weeks: January 4 – March 11 Assessment - Third Nine Weeks Exam - TBD	
Unit 9: Moles to Atom and Ions	8 ABD
Unit 10: Writing, Balancing, Types of Reactions	, 8 DEF, 10 H
Unit 11: Formula Stoichiometry	8 BCDEFG
Unit 12: Excess/Limiting Reactants, Reagents	8 BDEFH
Unit 13: Gas Laws	9 AB
4th Nine Weeks: March 21 – May 26 Assessment - Second Semester Final - TBD	
Unit 14: Solutions	10 ABCDEF
Unit 15: Acids and Bases	10 ADEGH, 8 EF
Unit 16: Thermochemistry	11 ABCD
Unit 17: Nuclear	12 AB, 6 B

Process standards should be embedded into instruction on a daily basis

[Click here to access state standards for High School Chemistry.](#)

Any additional notes:

2021-2022 PreAP/Honors Chemistry Year-At-A-Glance

Unit Title	Student Expectations
1st Nine Weeks: August 23 – October 15 Assessment - First Nine Weeks Exam TBD	
Unit 1: Safety and Matter	1AB, 4ABCD
Unit 2: Measurement	2EFGI, 3A
Unit 3: Atoms and Moles	8AB
Units 4&5: The Electron and Periodicity	6ABCD, 5ABC
2nd Nine Weeks: October 18 – December 17 Assessment - First Sem Exam TBD days	
Unit 4 & 5: continued The Electron	6ABCD, 5ABC
Unit 6: Chemical Naming and Bonding	7 ABCDE
Unit 7: % by Mass, Empirical/Molecular Formulas	8 ABCD
Unit 8: Writing, Balancing, Types of Reactions	7AB, 8DEF, 10 H
3rd Nine Weeks: January 4 – March 11 Assessment - Third Nine Weeks Exam - TBD	
Unit 9: Stoichiometry	8 BCDFGH
Unit 10 & 1: Gas Laws and Gas Stoichiometry	8 AEGH, 9AB
Unit 12: Intermolecular Forces of Solids & Liquids	5 C, 7 CE, 9B, 7 CE
Unit 13: Solutions and Molarity	10 ABCDEF
4th Nine Weeks: March 21 – May 26 Assessment - Second Semester Final - TBD	
Unit 13: Solutions and Molarity continued	10 ABCDEF
Unit 14: Acids and Bases	10 ADEGH, 8 EF
Unit 15: Thermochemistry	11 ABCD
Unit 16: Oxidation Reduction Reactions	80 AEF, 10 BE, 11A
Unit 17: Nuclear Chemistry	12 AB, 6B
Unit 18: Intro to Chemical Kinetics	AP Standards

Process standards should be embedded into instruction on a daily basis.

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