

2024-2025 Year at a Glance
Chemistry – HS Science

First Semester	Second Semester
1st Nine Weeks	3rd Nine Weeks
<p>Unit 01: Matter in Motion [Gases + Intro to Thermodynamics] (15 days) C.1AC; C.2C; C.8A; C.10ABC; C.13A</p> <p>Unit 02: And Matter Is... [Atomic Structure] (9 days) C.1GH; C.6ABC</p> <p>Unit 03: Changes in the Nucleus [Nuclear Chemistry] (8 days) C.2A; C.3A; C.14ABC</p> <p>Unit 04: Types of Nuclei and Varied Electron Clouds [The Periodic Table] (14 days) C.1F; C.2B; C.5ABC; C.6DE</p>	<p>Unit 07: The Full Story of Bonding [Chemical Equations and Reactions] (10 days) C.1D; C.4B; C.9AB</p> <p>Unit 08: Quantifying Matter [The Mole] (9 days) C.4C; C.8ABC</p> <p>Unit 09: Tracking and Counting [Stoichiometry] (13 days) C.1B; C.9CD</p>
2nd Nine Weeks	4th Nine Weeks
<p>Unit 04: Types of Nuclei and Varied Electron Clouds [The Periodic Table] (<i>continued</i>) C.1F; C.2B; C.5ABC; C.6DE</p> <p>Unit 05: Are Atoms Better Alone or Together? [Chemical Bonding] (14 days) C.3C; C.7ACD</p> <p>Unit 06: How Do We Talk About Bonds? [Chemical Formulas] (12 days) C.3B; C.7B; C.8D; C.12A</p>	<p>Unit 10: Tracking and Counting Energy [Thermochemistry] (15 days) C.1E; C.2D; C.3C; C.13BCD</p> <p>Unit 11: Mixing Things (That Don't React) [Solutions] (14 days) C.2C; C.3A; C.4A; C.11ABCDEF</p> <p>Unit 12: Mixing Things That May React [Acids and Bases] (11 days) C.1C; C.3B; C.12BCDE</p>