Grade 10 Chemistry Yearly Plan 2024-2025

August 26, 2025–November 2, 2025	November 3, 2025–January 14, 2026	January 18, 2026–March 18, 2026	March 19, 2026–June 9, 2026
Unit 1: Matter and Measurement - Section 1: Classification of Matter (HS-PS1-1) - Section 2: Chemical Formulas (HS-PS1-1) - Sections 3: Scientific Notation (HS-PS2-1) - Section 4: Accuracy and Precision (HS-PS1-1, HS-PS1-2) - Section 5: Mass, Weight and Density (HS-PS1-7, HS-PS3-1) - Section 6: Graphing (HS-PS1-7, HS-PS3-1) **Unit 2: Atomic Theory** - Section 1: The Atomic Models (HS-PS1-1) - Section 2: Subatomic Particles (HS-PS1-1, HS-PS1-3) - Section 3: Ions and Isotopes (HS-PS1-1, HS-PS1-8) - Section 4: Electron Configurations (HS-PS1-1, HS-PS4-1) - Section 5: Bohr and Lewis Dot Diagrams (HS-PS1-1) - Section 6: Ground vs. Excited States (HS-PS1-1, HS-PS4-3)	**Unit 3: The Periodic Table** - Section 1: The History of the Periodic Table (HS-PS1-1) - Section 2: Metals, Non-metals, and Metalloids (HS-PS1-1) - Section 3: States of Matter (HS-PS1-3) (HS-PS1-5) - Section 4: Periodic Trends (HS-PS1-1) (HS-PS1-2) **Unit 4- Chemical Bonding** - Section 1: Energy and Bonding (HS-PS1-4, HS-PS3-4) - Section 2: Types of Bonding (HS-PS1-1, HS-PS1-2) - Section 3: Naming Ionic Compounds (HS-PS1-1) - Section 4: Naming Covalent Compounds (HS-PS1-1) - Section 5: Lewis Dot Structure of Molecules (HS-PS1-1) - Section 6: VSEPR Theory (HS-PS1-1) - Section 7: Molecular Polarity (HS-PS1-1, HS-PS2-6) - Section 8: Intermolecular Forces (HS-PS1-3, HS-PS2-6)	**Unit 5: Moles and Masses** - Section 1: Number of Moles (HS-PS1-7) - Section 2: Molar Mass (HS-PS1-7) - Section 3: Percent by Mass (HS-PS1-7) **Unit 6: Chemical Reactions** - Section 1: Balancing Chemical Reactions (HS-PS1-7) - Section 2: Types of Chemical Reactions (HS-PS1-2, HS-PS1-4) - Section 3: Stoichiometry (HS-PS1-7) - Section 4: Percentage Yield (HS-PS1-7)	**Unit 7: States of Matter** - Section 1: Liquids and Solids (HS-PS1-3) - Section 2: Changes of State (HS-PS1-4) - Section 3: Gasses (HS-PS1-3) - Section 4: Gas Laws (HS-PS3-1) - Section 5: The Ideal Gas Law (HS-PS3-1) **Unit 8: Solutions** - Section 1: Concentration (HS-PS1-7) - Section 2: Dilution (HS-PS1-7) - Section 3: Titration (HS-PS1-7) - Section 4: Ionization (HS-PS1-6, HS-PS1-7)