

Grade 11 Chemistry Year Plan 2019-2020

September 1, 2019-October 23, 2019	October 28, 2018--January 23, 2020	January 26, 2020--March 26, 2020	April 5, 2020--June 16, 2020
<p>Chapter 1: Matter and Change</p> <p>Section 1 – Chemistry is a Physical Science</p> <p>Section 2 – Matter and its properties</p> <p>Section 3 – Elements</p> <p>Chapter 2: Measurements and Calculations</p> <p>Section 1 – Scientific Method</p> <p>Section 2 – Units of Measurement</p> <p>Section 3 – Using Scientific Measurements</p> <p>Chapter 3: Atoms: The Building Blocks of Matter</p> <p>Section 1 – The Atom: From Philosophical Idea to Scientific Theory</p> <p>Section 2 – The Structure of the Atom</p> <p>Section 3 – Counting Atoms</p> <p>Chapter 5: The Periodic Law</p> <p>Section 1 – History of the Periodic Table</p> <p>Section 2 – Electron Configuration and the Periodic Table</p> <p>Section 3 – Electron Configuration and Periodic Properties</p>	<p>Chapter 6: Chemical Bonding</p> <p>Section 1 – Introduction to Chemical Bonding</p> <p>Section 2 – Covalent Bonding and Molecular Compounds</p> <p>Section 3 – Ionic bonding and ionic compounds</p> <p>Section 4 – Metallic Bonding</p> <p>Chapter 7: Chemical Formulas and Chemical Compounds</p> <p>Section 1 – Chemical Names and Formulas</p> <p>Section 2 – Oxidation numbers</p> <p>Section 3 – Using Chemical Formulas</p> <p>Section 4 – Determining Chemical Formulas</p>	<p>Chapter 8 : Chemical Equations and Reactions</p> <p>Section 1 – Describing Chemical Reactions</p> <p>Section 2 – Types of Chemical Reactions</p> <p>Chapter 10: States of Matter</p> <p>Section 1 – The Kinetic Molecular Theory of Matter</p> <p>Section 2 – Liquids</p> <p>Section 3 – Solids</p> <p>Section 4 – Changes of State</p> <p>Section 5 – Water</p> <p>Chapter 11: Gases</p> <p>Section 1 – Gases and Pressure</p>	<p>Chapter 12: Solutions</p> <p>Section 1 – Types of Mixtures</p> <p>Chapter 14: Acids and Bases</p> <p>Section 1 – Properties of Acids and Bases</p> <p>Section 2 – Acid-Base Theories</p> <p>Section 3 – Acid-Base Reactions</p> <p>Chapter 15: Acid Base Titration and pH</p> <p>Section 1 – Aqueous Solutions and Concept of pH</p> <p>Section 2 – Determining pH and Titration</p> <p>Appendix: Quick Topics</p> <p>Section 3– Biochemistry</p> <p>Section 4– Nuclear Chemistry</p>
Global Citizenship	Global Citizenship	Global Citizenship	Global Citizenship

Mission Statement: Al-Bayan International School personalizes learning to achieve intellectual and individual growth of all students, empowering them to impact their community.