



Carroll ISD IPC 2025-26 Year-At-A-Glance

	1 st Grading Period	2 nd Grading Period	3 rd Grading Period	4 th Grading Period
Scientific and Engineering Practices	IPC 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H IPC 2A, 2B, 2C, 2D IPC 3A, 3B, 3C IPC 4A, 4B, 4C			
TEKS	<u>Unit 1: Safety, Math and Measurement</u> 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H 2A, 2B, 2C, 2D 3A, 3B, 3C 4A, 4B, 4C <u>Unit 2: Matter</u> 6D, 7C, 8B <u>Unit 3: Atomic Structure and Periodic Table</u> 5D 7A, 7B, 7C, 7D, 7E 8C	<u>Unit 4: Bonding</u> 7A, 7B, 7C, 7D 8B <u>Unit 5: Chemical Reactions</u> 6C 7C, 7F 8A, 8B, 8D	<u>Unit 6: Solutions, Acids and Bases</u> 7F <u>Unit 7: Speed, Acceleration, and Newton's 1st Law</u> 5A, 5B <u>Unit 8: Newton's 2nd and 3rd Laws</u> 5B, 5C, 5D, 5E	<u>Unit 9: Energy, Work and Power</u> 2C, 2D 5D, 5E 6C, 6D <u>Unit 10: Waves</u> 6C, 6D, 6E, 6F, 6G <u>Unit 11: Electricity</u> 6A, 6B, 6C
Topic Focus	<u>Unit 1: Safety, Math and Measurement</u> Lab Safety Lab Equipment Scientific Method Graphing Accuracy and Precision Metric System	<u>Unit 4: Bonding</u> General Bonding Characteristics Counting Atoms Ionic Bonding Properties Covalent Bonding Properties Ionic Bonding Lewis Structures	<u>Unit 6: Solutions, Acids and Bases</u> How Solutions Form Types of Solutions Solubility Graphs Polarity in Solutions Concentration Acids and Bases Properties	<u>Unit 9: Energy, Work and Power</u> Forms of Energy Heat Transfer Conservation of Energy Work and Power Simple Machines <u>Unit 10: Waves</u> What are Waves?

	<p><u>Unit 2: Matter</u> Properties of Matter Density and Viscosity States of Matter Classification of Matter</p> <p><u>Unit 3: Atomic Structure and Periodic Table</u> Periodic Table History of the Atom Structure of the Atom Bohr Models and Dot Diagrams Nuclear Chemistry</p>	<p>Ionic Bonding Nomenclature Covalent Bonding Nomenclature</p> <p><u>Unit 5: Chemical Reactions</u> Parts of the Reaction Balancing Equations Types of Reactions Energy in Reactions</p>	<p><u>Unit 7: Speed, Acceleration, and Newton's 1st Law</u> Motion Speed Acceleration Motion Graphs Forces Newton's First Law</p> <p><u>Unit 8: Newton's 2nd and 3rd Laws</u> Newton's 2nd Law Friction Air Resistance Gravity Projectile Motion Centripetal Force Newton's 3rd Law Momentum</p>	<p>Mechanical Waves Wave Properties Sound Waves Electromagnetic Waves</p> <p><u>Unit 11: Electricity</u> Electric Charge Electric Current Electrical Energy Magnetism</p>
<p>Additional Resources <i>Holt: Physical Science</i></p>	<p><u>Unit 1: Safety, Math and Measurement</u> Chapter 0 Chapter 1</p> <p><u>Unit 2: Matter</u> Chapter 14 Chapter 15 Chapter 24</p> <p><u>Unit 3: Atomic Structure and Periodic Table</u> Chapter 8 Chapter 16 Chapter 17 Chapter 18</p>	<p><u>Unit 4: Bonding</u> Chapter 19</p> <p><u>Unit 5: Chemical Reactions</u> Chapter 20 Chapter 21 Chapter 23</p>	<p><u>Unit 6: Solutions, Acids and Bases</u> Chapter 22</p> <p><u>Unit 7: Speed, Acceleration, and Newton's 1st Law</u> Chapter 2 Chapter 3</p> <p><u>Unit 8: Newton's 2nd and 3rd Laws</u> Chapter 3</p>	<p><u>Unit 9: Energy, Work and Power</u> Chapter 4 Chapter 5</p> <p><u>Unit 10: Waves</u> Chapter 9 Chapter 10 Chapter 11 Chapter 12 Chapter 13</p> <p><u>Unit 11: Electricity</u> Chapter 6 Chapter 7</p>