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

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	1st Grading Period	2nd Grading Period	3rd Grading Period	4th Grading Period
Scientific and Engineering Practices	**BIO 1, 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H** **BIO 2, 2A, 2B, 2C, 2D,** **BIO 3, 3A, 3B, 3C,** **BIO 4, 4A, 4B, 4C**			
TEKS	<u>Unit 1</u> BIO 1, 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H BIO 2, 2A, 2B, 2C, 2D, BIO 3, 3A, 3B, 3C, BIO 4, 4A, 4B, 4C <u>Unit 2</u> 5A, 11B <u>Unit 3</u> 5B, 5D	<u>Unit 4</u> 5C <u>Unit 5</u> 11A <u>Unit 6</u> 6A, 6C, 7A	<u>Unit 7</u> 7B, 7C, 6B <u>Unit 8</u> 7D, 8B, 8A <u>Unit 9</u> 9A, 9B, 10A, 10B, 10C, 10D	<u>Unit 10</u> 12B <u>Unit 11</u> 13A, 13B, 13C, 13D <u>Unit 12</u> 12A, 13D

UPDATED 5/27/2025

Pre-AP Key Concepts ***Advanced/GT***	Unit 1 NONE Unit 2 CELLS 1 Unit 3 CELLS 2	Unit 4 CELLS 3-4 Unit 5 CELLS 6-7 Unit 6 CELLS 5 GEN 1-2	Unit 7 GEN 3 Unit 8 GEN 4-6 Unit 9 EVO 1-3	Unit 10 NONE Unit 11 ECO 1-5 Unit 12 NONE
Topic Focus	Unit 1 Lab Safety Experimental Design Measurement Unit 2 Biomolecules and Enzymes Unit 3 Characteristics of Life Prokaryotic vs. Eukaryotic Plants vs. Animal Cells Cell Structure and Function Viruses Bacteria	Unit 4 Cell Membrane Cell Transport Unit 5 Cell Energy Photosynthesis Cellular Respiration Unit 6 The Cell Cycle DNA Structure DNA Replication Mitosis Cell Regulation & Cancer	Unit 7 RNA Transcription Translation Protein Synthesis Mutations Karyotypes Cell Differentiation Unit 8 Meiosis Mendelian Genetics Non-Mendelian Genetics Pedigrees Biotechnology Unit 9 Natural Selection Population Genetics & Mechanisms of Evolution Evidence of Evolution Patterns of Evolution	Unit 10 Taxonomy Phylogeny Cladistics Dichotomous Keys Kingdoms Comparisons Plant Structures & Interactions Unit 11 Ecology Levels of Organization Community Relationships Energy Flow Biogeochemical Cycles Ecological Succession Unit 12 Body Systems Systems Interactions Dissections

UPDATED 5/27/2025

Additional Resources *Texas Biology, McGraw Hill*	Unit 1 Ch. 0, 1 Unit 2 Ch. 7, 9 Unit 3 Ch. 8, 20	Unit 4 Ch. 8, 9 Unit 5 Ch. 9, 10 Unit 6 Ch. 11,12	Unit 7 Ch. 11, 13 Unit 8 Ch. 13, 14, 15 Unit 9 Ch. 16, 17, 18, 19, 24	Unit 10 Ch. 20, 21, 22, 23 Unit 11 Ch. 2, 3, 4, 5, 6, 9 Unit 12 Ch. 25, 26, 27