



Carroll ISD Biology 2021-2022 Year-At-A-Glance

| | 1 st Grading Period | 2 nd Grading Period | 3 rd Grading Period | 4 th Grading Period |
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| Scientific Process Standards | 7.1 A, B, C, D, E, F, G Math Process Standards, how students understand and learn mathematics, used throughout the course | | | |
| TEKS | <u>Unit 1</u> 1A, 1B, 2A, 2B, 2C, 2D, 2E, 2F, 2H, 3A, 3B, 3C, 3D, 3E, 9C, 10A <u>Unit 2</u> 9A, 9C, 10A, 10C <u>Unit 3</u> 4A, 9A, 10C | <u>Unit 4</u> 4B, 9A, 10A <u>Unit 5</u> 4B, 9B, 10A, 10C <u>Unit 6</u> 4B, 9B, 10B, 10C, 12B | <u>Unit 7</u> 4B, 5B, 5C, 6A, 6B, 6E, 7E <u>Unit 8</u> 4C, 5B, 6C, 6D, 6E, 7E, 10A, 10C <u>Unit 9</u> 5A, 5B, 5C, 6A, 6G, 7E, 10A, 10B, 10C <u>Unit 10</u> 5B, 6A, 6F, 6G | <u>Unit 11</u> 7A, 7B, 7C, 7D, 7E, 10C, 11A, 11B, 12A, 12C, 12E <u>Unit 12</u> 4A, 7A, 7B, 7C, 7D, 7E, 8A, 8B, 8C, 10C, 11A, 11B, 12B, 12C, 12D, 12E <u>Unit 13</u> 7A, 8A, 8B, 8C, 10C |
| Topic Focus | <u>Unit 1</u> Science Safety, Scientific Method and Investigations Digestive System <u>Unit 2</u> Organic Substances and The Urinary System | <u>Unit 4</u> Cellular Transport The Neuron and Reflex <u>Unit 5</u> Circulatory and Respiratory System Cellular Respiration | <u>Unit 7</u> DNA structure/mutations, Cell cycle/Cancer Fingerprinting/ Electrophoresis <u>Unit 8</u> | <u>Unit 11</u> Bacteria, Change over Time, and Classification <u>Unit 12</u> Ecology |

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| | <u>Unit 3</u> Cell Parts and functions Cell Theory | <u>Unit 6</u> Plants and Photosynthesis | Protein Synthesis, Viruses, and Immune System <u>Unit 9</u> Meiosis, Cell Reproduction, Reproductive System, Flowers <u>Unit 10</u> Mendelian Genetics and Punnett Squares | <u>Unit 13</u> Kingdoms: Fungi, Protista, Animal, Plants |
| Additional Resources <i>Texas High School Biology, Nowicki, Houghton, Mifflin, Harcourt</i> | <u>Unit 1</u> Ch. 1, Ch. 2, Ch. 28, Ch. 32 <u>Unit 2</u> Ch. 2, Ch. 28, Ch. 32 <u>Unit 3</u> Ch. 3 | <u>Unit 4</u> Ch. 3, Ch. 28, Ch. 29 <u>Unit 5</u> Ch. 4, Ch. 28, Ch. 30 <u>Unit 6</u> Ch. 4, Ch. 20, Ch. 21, Ch. 28 | <u>Unit 7</u> Ch. 5, Ch. 8, Ch. 9 <u>Unit 8</u> Ch. 8, Ch. 18, Ch. 28, Ch. 31 <u>Unit 9</u> Ch. 6, Ch. 22, CH. 28, Ch. 34 <u>Unit 10</u> Ch. 6, Ch. 7 | <u>Unit 11</u> Ch. 10, Ch. 11, Ch. 12, Ch. 17, Ch. 18 <u>Unit 12</u> Ch. 13, Ch. 14, Ch. 15, Ch. 16 <u>Unit 13</u> Ch. 19, Ch. 20, Ch. 21, Ch. 22, Ch. 23, Ch. 24, Ch. 25, Ch. 26 |

Power Standards B.4B, B4C, B.5A, B.6A, B.6F, B.7E, B.8B, B.10A, B.12C