



## Carroll ISD 7th Grade Science 2021-2022 Year-At-A-Glance

	1 <sup>st</sup> Grading Period	2 <sup>nd</sup> Grading Period	3 <sup>rd</sup> Grading Period	4 <sup>th</sup> Grading Period
<b>Scientific Process Standards</b>	7.1A, B; 7.2A, B, C, D, E; 7.3A, B, C, D; 7.4A, B			
<b>TEKS</b>	<b>Lab Safety / Scientific Method / Tools / Measurement / Data</b> 7.1A,B, 7.2A,B,E, 7.3A, 7.4A,B  <b>Behaviors and Adaptations</b> 7.3D, 7.10A, 7.10B, 7.11A,B,C, 7.12A, 7.13A, 7.13B	<b>Food Webs, Food Chains, Energy Transformation</b> 7.5A,B, 7.7A,B, 7.10A  <b>Biomes and Succession</b> 7.8A, 7.10A,B,C  <b>Watersheds and Pollution</b> 7.8B, 7.8C  <b>Weathering, Erosion, Deposition, and Changes in Texas Ecoregions</b> 7.6A, 7.8B	<b>Cells</b> 7.3A,B,C,D, 7.4A (microscope), 7.5A, 7.12C,D,E, 7.13A  <b>Heredity and Reproduction</b> 7.2E, 7.3D, 7.12F, 7.14A,B,C	<b>Integumentary, Skeletal, Muscular, Cardiovascular, Lymphatic, and Respiratory Systems</b> 7.12B  <b>Digestive, Urinary, Nervous, Endocrine, and Reproductive Systems</b> 7.6A, 7.12B  <b>Life in Space</b> 7.9A
<b>Topic Focus</b>	<b>Lab Safety / Scientific Method / Tools / Measurement / Data</b> <ul style="list-style-type: none"> <li>● Science safety</li> <li>● Scientific Method and investigations</li> <li>● Scientific tools</li> </ul> <b>Behaviors and Adaptations</b> <ul style="list-style-type: none"> <li>● Homeostasis and behavior</li> </ul>	<b>Food Webs, Food Chains, Energy Transformation</b> <ul style="list-style-type: none"> <li>● Forces and energy in living systems</li> <li>● Ecosystems and energy</li> </ul> <b>Biomes and Succession</b> <ul style="list-style-type: none"> <li>● Biomes</li> <li>● Ecological succession</li> </ul>	<b>Cells</b> <ul style="list-style-type: none"> <li>● Chemistry of cells</li> <li>● Cell parts and functions</li> <li>● Cell theory</li> </ul> <b>Heredity and Reproduction</b> <ul style="list-style-type: none"> <li>● Reproduction and heredity</li> <li>● Variations within populations</li> </ul>	<b>Integumentary, Skeletal, Muscular, Cardiovascular, Lymphatic, and Respiratory Systems</b> <ul style="list-style-type: none"> <li>● Integumentary</li> <li>● Skeletal</li> <li>● Muscular</li> <li>● Cardiovascular</li> <li>● Respiratory</li> <li>● Lymphatic</li> </ul>

	<ul style="list-style-type: none"> <li>• Natural selection and selective breeding</li> <li>• Biodiversity and classification and dichotomous keys</li> <li>• Organism's structures and habits</li> </ul>	<ul style="list-style-type: none"> <li>• Catastrophic events and ecosystems</li> </ul> <p><b>Watersheds and Pollution</b></p> <ul style="list-style-type: none"> <li>• Human impact on water</li> </ul> <p><b>Weathering, Erosion, Deposition, and Changes in Texas Ecoregions</b></p> <ul style="list-style-type: none"> <li>• Changing earth's surface</li> </ul>		<p><b>Digestive, Urinary, Nervous, Endocrine, and Reproductive Systems</b></p> <ul style="list-style-type: none"> <li>• Digestive (energy transformation)</li> <li>• Urinary</li> <li>• Nervous</li> <li>• Endocrine</li> <li>• Reproductive</li> </ul> <p><b>Life in Space</b></p> <ul style="list-style-type: none"> <li>• Space</li> </ul>
<p><b>Additional Resources – Textbook Pages</b></p>	<p><b>Lab Safety / Scientific Method / Tools / Measurement / Data</b> Units 1 &amp; 2: pg. 4-96 <b>Behaviors and Adaptations</b> Unit 5: pg. 271-320</p>	<p><b>Food Webs, Food Chains, Energy Transformation</b> Unit 6.1: pg. 325-366 <b>Biomes and Succession</b> Unit 6.2: pg. 370-410 <b>Watersheds and Pollution</b> Unit 8.1: pg. 523-540 <b>Weathering, Erosion, Deposition, and Changes in Texas Ecoregions</b> Unit 8.2: pg. 554--610</p>	<p><b>Unit 3: Cells</b> pg. 101-174</p> <p><b>Unit 4: Heredity and Reproduction</b> pg. 179-264</p>	<p><b>Unit 7.1: Integumentary, Skeletal, Muscular, Cardiovascular, Lymphatic, and Respiratory Systems</b> pg. 417-459 <b>Unit 7.2: Digestive, Urinary, Nervous, Endocrine, and Reproductive Systems</b> pg. 462-503 <b>Unit 9: Life in Space</b> pg. 617-648</p>

Power Standards: 7.5B, 7.8C, 7.10B, 7.11A, 7.11C, 7.12B, 7.12D, 7.12F, 7.14B, 7.14C