



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

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

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