



Carroll ISD 8th Grade Science 2025-2026 Year-At-A-Glance

	1 st Grading Period	2 nd Grading Period	3 rd Grading Period	4 th Grading Period
SEP (Scientific & Engineering Practices)	8.1 A, B, C, D, E, F, G, H; 8.2 A, B, C, D; 8.3 A, B, C; 8.4 A, B, C			
RTC (Recurring Themes & Concepts)	8.5 A, B, C, D, E, F, G			
TEKS (Texas Essential Knowledge & Skills)	Introduction to Scientific & Engineering Practices 8.1 A, B, C, D, E, F, G, H; 8.2 A, B, C, D; 8.3 A, B, C; 8.4 A, B, C Stability and Change in Population and Ecosystem 8.12A, B, C Our Universe 8.9A, B, C	Waves 8.8A, B Health and Survival of Organisms 8.13 A, B, C Impacts on Global Climate 8.11A, B, C	Weather and Climate 8.10A, B, C Properties and Conservation of Matter 8.6 A, B C, D, E	Force and Motion Within Systems 8.7A, B

Topic Focus	Introduction to Scientific & Engineering Practices - Scientific Practices - Engineering Practices - Science & Society Stability and Change in Population and Ecosystem - Impacts on Food Webs - Ecological Succession - Biodiversity in Ecosystems Our Universe - Stars - Galaxies - Origin of the Universe	Waves - Characteristics of Waves - Using Electromagnetic waves Health and Survival of Organisms - Cell Structure and Function - Cell and inherited Traits - Variations, Adaptations, and Survival Impacts on Global Climate - Natural Events and Climate - Human Activities and Climate	Weather and Climate - Influences on Weather and Climate - Global Patterns of Atmospheric Movements - Oceans and Weather systems Properties and Conservation of Matter - Elements Compounds and Mixtures - Properties of Water - Properties of Acids and Bases - Conservation of mass and chemical reactions	Force and Motion Within Systems - Second Law of Motion - Laws on Motion in Systems
Textbook Pages	Introduction to Scientific & Engineering Practices - SEP 2-45 Stability and Change in Population and Ecosystem - Ch 7 (p 250-299) Our Universe - Ch 4 (p 116-161)	Waves - Ch 3 (p 82-1113) Health and Survival of Organisms - Ch 8 (p 302-349) Impacts on Global Climate - Ch 6 (p 212-247)	Weather and Climate - Ch 5 (p 164-209) Properties and Conservation of Matter - Ch 1 (p 2-51)	Force and Motion Within Systems Ch 2 (p 54-79)