

Scope and Sequence

RC	Unit	TEKS	Suggested Instructional Time	Unit Total
RC1: Matter and Energy	1	7.6A Elements and Compounds	5 days	17 days
		7.6B Chemical Formulas	5 days	
		7.6C Physical and Chemical Changes in Matter	7 days	
	2	7.6D Solutions	6 days	12 days
		7.6E Factors Affecting Rates of Dissolving	6 days	
RC2: Force, Motion, and Energy	3	7.7A Calculating Average Speed	7 days	25 days
		7.7B Speed vs. Velocity	6 days	
		7.7C Distance-Time Graphs	7 days	
		7.7D Newton's First Law of Motion	5 days	
	4	7.8A Methods of Thermal Energy Transfer	7 days	15 days
		7.8B Patterns of Thermal Energy	4 days	
		7.8C Temperature and Kinetic Energy	4 days	
RC3: Earth and Space	5	7.9A Components of Our Solar System	8 days	17 days
		7.9B Gravity and Our Solar System	4 days	
		7.9C Characteristics that Enable Life on Earth	5 days	
	6	7.10A Changes in Earth Over Time	6 days	14 days
		7.10B Effects of Plate Tectonics	8 days	
	7	7.11A Watershed and Human Activity	5 days	10 days
		7.11B Ocean Systems and Human Activity	5 days	
RC4: Organisms and Environments	8	7.12A Flow of Energy in Trophic Levels	8 days	13 days
		7.12B Energy and Sustainability of Ecosystems	5 days	
	9	7.13B Levels of Organization in Plants and Animals	4 days	16 days
		7.13A Functions of Human Body Systems	12 days	
	10	7.13C Asexual vs. Sexual Reproduction	5 days	10 days
		7.13D Natural and Artificial Selection	5 days	
	11	7.14A Taxonomy	5 days	11 days
		7.14B Characteristics of Kingdoms	6 days	