

FIFTH GRADE SCIENCE QUARTERLY PACING GUIDE

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
C O N T E N T	<p style="text-align: center;">OBJECTS IN THE SKY</p> Seasons/tilt of Earth/angle of sun Earth revolving around sun Motion of sun, moon, and stars Cyclic phases of moon Lunar eclipse Solar eclipse Ocean tides caused by moon's gravitational pull on Earth Scaled models of sun, moon, and Earth to represent relative sizes and distances between Solar system, dwarf planets, asteroids, and comets Temperature of planet determined by atmosphere and distance from sun	<p style="text-align: center;">FORCES AND MOTION</p> Forces are pushes and pulls Forces speed up, slow down, or are at rest Contact forces Non-contact forces Motion and point of reference Forces have magnitude and direction Forces that act on objects from same direction	<p style="text-align: center;">FORCES AND MOTION</p> Forces that act on objects from opposing directions Forces that act on objects of unequal strength Objects at rest have balanced forces acting on them Objects in motion have unbalanced forces acting on them Motion measurements-speed, distance, direction	<p style="text-align: center;">SYSTEMS AND SURVIVAL</p> Classification of organisms according to physical traits Behavioral characteristics Physical characteristics Physical traits meeting needs for survival Behavioral characteristics/inherited or learned Behavior influenced by internal and external cues Selected organ systems within animal bodies Functions of organ systems
A S S E S S M E N T	Pre/Post Unit Assessment Vocabulary Quiz Journal entries	Pre/Post Unit Assessment Vocabulary Quiz Journal entries	Pre/Post Unit Assessment Vocabulary Quiz Journal entries	Pre/Post Unit Assessment Vocabulary Quiz Journal entries
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