SUMMIT K12

Pacing Guide/Scope and Sequence

Reporting Category	TEKS	Suggested Instructional Time
RC1: Cell Structure and Function **35 days**	**B.5A:** Biomolecules	6 days
	B.5B: Prokaryotic and Eukaryotic Cells	5 days
	B.5C: Homeostasis and Cellular Transport	6 days
	B.5D: Viruses	4 days
	B.6A: Cell Cycle and DNA Replication	6 days
	B.6B: Cell Differentiation	4 days
	B.6C: Disruptions of the Cell Cycle	4 days
RC2: Mechanisms of Genetics **39 days**	**B.7A:** DNA	6 days
	B.7B: Gene Expression	8 days
	B.7C: Changes in DNA	6 days
	B.7D: Molecular Technologies	7 days
	B.8A: Meiosis and Sexual Reproduction	5 days
	B.8B: Outcomes of Genetic Combinations	7 days
RC3: Biological Evolution and Classification **32 days**	**B.9A:** Evidence of Common Ancestry	6 days
	B.9B: Rates of Change in the Fossil Record	4 days
	B.10A: Natural Selection	5 days
	B.10B: Differential Reproductive Success	5 days
	B.10C: Speciation	4 days
	B.10D: Evolutionary Mechanisms Other Than Natural Selection	8 days

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Reporting Category	TEKS	Suggested Instructional Time
RC4: Biological Processes and Systems **21 days**	**B.11A:** Matter and Energy Flow in Photosynthesis and Respiration	5 days
	B.11B: Role of Enzymes	5 days
	B.12A: Interactions Among Animal Systems	6 days
	B.12B: Interactions Among Plant Systems	5 days
RC5: Interdependence within Environmental Systems **23 days**	**B.13A:** Ecological Relationships and Ecosystem Stability	5 days
	B.13B: Ecological Stability in Trophic Levels	5 days
	B.13C: Carbon and Nitrogen Cycles	6 days
	B.13D: Environmental Change, Biodiversity, and Ecosystem Stability	7 days
EOC Review	All Biology TEKS	15-20 days