

First Grade - Curriculum Science

SEMESTER A

TEKS		INSTRUCTIONAL SCOPE & SEQUENCE	Time
Process	Content	UNIT 1 – Nature of Science	Weeks
1.1A, 1.3C		Science and Science Safety - What do Scientists do? - Science Safety - Science Journal	1
1.4AB, 1.1B, 1.2ABCDE		Tools and Measurement - Scientific tools in the laboratory setting and lab safety equipment - Lab materials - uses and conservation	1
Process	Content	UNIT 2 – Matter and Its Properties 1.5ABC	Weeks
1.1AB, 1.2ACD, 1.4AB	1.5AC		2
1.1AB, 1.2ABCDEFG, 1.3ABCD, 1.4AB	1.5B	u=	2
Process	Content	UNIT 3 – Energy and Motion 1.6ABC	Weeks
1.1A, 1.2ABE	1.6A	Forms of Energy - Sound - Light - Thermal	2
1.2AE, 1.3B	1.6B	Magnets - Push an object - Pull an object	1
1.2B, 1.3B	1.6C	Patterns of Movement - Direction: straight line, zig zag, up and down, back and forth, round and round - Speed: fast and slow	2
UNIT TEST			
Process	Content	UNIT 4 – Earth and Human Activity 1.7ABC	Weeks
1.1AB, 1.2A	1.7A	Soil - Classify soil by components - Compare properties of soil samples	1
1.2A	1.7B	Sources of Water - Identify natural sources of water - Compare natural sources of water	2
1.1AB, 1.2A, 1.3A	1.7C	Natural Resources - Rocks, Soil, Water uses - PBL	3
UNIT TEST			

SEMESTER B

TEKS		INSTRUCTIONAL SCOPE & SEQUENCE	Time
Process	Content	UNIT 5 – Earth's Systems 1.8ABCD	Weeks
1.2A, 1.3B	1.8AD	Weather - Observe and Record Weather - Air and Wind	2
1.2A, 1.3B	1.8B	Objects in the Sky - Moon's appearance - Sun's position (sunrise / sunset) - Stars (motion)	2
1.2A, 1.3B	1.8C	Cycles - Seasons - Day/Night	2
		UNIT TEST	
Process	Content	UNIT 6 – Ecosystems: Interactions, Energy 1.9ABC	Weeks
1.2AC	1.9A	Living / Nonliving Basic Needs	1
1.2ABC, 1.3B	1.9BC	Interdependence - Identify Interdependence among living things - Food chains	3
		UNIT TEST	
Process	Content	UNIT 7 – Biological Evolution 1.10ABCD	Weeks
1.2ABC	1.10B	Plant Parts Identify parts of a plant	2
1.2AC	1.10A	Animal Characteristics - Body Covering - Body Shape - Appendages	2
1.2ABC, 1.3B	1.10CD	Life Cycles - Young resemble their parents - Life cycles of chicken, frog, and fish	3
		UNIT TEST	