

ARGUMENT-DRIVEN
INQUIRY™



Texas ADI Learning Hub for Science

5th Grade

2024

Scope and Sequence
180 Day Year at a Glance



Unit	Investigation	Pacing (days)	TEKS*
Properties of Matter	1. Mass and the State of Matter	5	6A
	2. Secret Substances	5	6A
	3. A Night in an Ice Hotel	5	6A
	4. Feeding Astronauts	5	4A,6A
	5. Cans of Coke and Diet Coke in Water	5	2C
	6. Mystery Mixtures	5	6B
	7. Mixing it Up!	6	5E, 6A, 6B, 6C
	8. Balloon Powered Water Fountain	6	5D, 5F, 6D
	Unit Total:	42	10
Force and Motion	1. Sled Tug-O-War	6	2B, 5A, 7A
	2. Trampoline Double Bounce	5	5G, 7A
	Unit Total:	11	4
Energy	1. Ways to Complete a Circuit	5	5E, 8B
	2. Batteries and Bulbs in Closed Circuit	5	8A
	3. Diving in the Dark (design challenge)	10	3A, 3B, 4A, 5C, 5D
	4. Leopard Images in a Mirror	5	8C
	Unit Total:	25	9
Earth and Space	1. Shadows Throughout the Day	5	9A
	2. Florida Summer Storms	6	10A
	3. The Power of Water	5	10C
	4. Sand Dunes	5	2A, 10C
	5. Rock Classification and the Rock Cycle	5	5C, 10B
	6. The Best Way to Feed Your Phone	5	10B
	7. Phoenix Water Crisis	5	11A
	Unit Total:	36	8
Organisms and Environments	1. Environmental Effects	5	2D
	2. Cloudy Fish Tank	6	5E, 5G, 12A
	3. Hydroponics	5	5B
	4. Snowshoe Hares and Wolves	5	3A, 3C, 5G
	5. Chihuahuan Desert Ecosystem	5	3C, 12A, 12B
	6. Wildlife Crossing in the Piney Woods (engineering design challenge)	10	2D, 3A, 3B, 5F
	7. Plant Diversity on School Grounds (FLEX)	5	5C, 10B
	Unit Total:	41	15
Life Processes: Structures and Functions	1. Arctic Survival	5	5F, 13A
	2. Color Changing Anoles	5	3B, 5G
	3. Who's Afraid of the Big Red Fox?	5	3B, 5A, 13B
	4. Wolf Packs	5	13B
	Unit Total:	20	7
General Science	1. STEM Careers	5	4B
	Unit Total:	5	1
Course Total:		180	61

*SEP TEKS 1A, 1B, 1C, 1D, 1E, 1F, 1G are a focus of every investigation.