

<b>M.S. TEKS-Chapt.112.18,19,&amp;20</b>	<b>Grade level/s</b>	<b>Knowledge &amp; Skills Description</b>	<b>Living Science Resources</b>
(1) (A)	6,7,8	demonstrate safe practices during investigations	live & preserved animals, plants,seeds, owl pellets; handouts LME-32,70,71,79,172,303,304,305 & animal care handouts (LMPs)
			animal care LMPs
(1) (B)	6,7,8	practice conservation, disposal, reuse & recycling	Pulp Facts kit; live worms for composting
(2) (E)	6,7,8	Analyze data to form valid explanations,conclusions & predictions	live & preserved animals, owl pellets, protista, kits w/data to be published & shared
			dissection handouts: LME-32,172,303,304,305
(3) (A)	6,7,8	Use critical thinking:analyze, evaluate, reason	(same as above)
(3) (B)	6,7,8	use models to represent aspects of natural world	snake, spider models; frog,chick, mealworm,butterfly life cycle models; fish, animal habitats; insect collections; terrarium materials
			handouts LME-72, 166,200,202,205,206,207; live fish, water plants
(3) (C)	6,7, 8	identify advantages and limitations of models	(same as above)
(4) (A)	6,7, 8	use tools including life science models,hand lens, microscopes & Petri dishes	Petri dishes, cultures, snake & spider models, life cycle kits, aquariums, fish terrariums, plants, animals in habitats, Bobtle Biology;handouts LME-2,11,72,201
			fruit flies (Drosophila)
(4) (B)	6,7,8	Use preventative safety equipment,including goggles,gloves	living and preserved animals, owl pellets, plants;handouts:32,172,303.304,305
(6) (C)	6	test the physical properties of minerals	The Rock Box kit
(10) (A,B)	7	observe different environments & how biodiversity helps sustain the ecosystem	animal habitats, terrariums; handouts LME-72, LMP-202,207
(11) (A)	7	examine structures of organisms such as insects or leaves	Looking At Ecosystems transparencies; Texas Grow,Texas Wild & Pollinator kits
			insect collections, Drosophila, live plants, cockroaches,crickets,mealworms,worms
((11) (A)	8	describe producer/consumer, predator/prey,	cockroaches, snakes, fish, crickets,mealworms,feeder rodents, owl pellets,
			Adaptation & Texas Critters trunks; Structure & Function kit; handouts LMP-203, LME-303
			paramecium + Didinium, Bursaria & Chaos; Hydra, Planaria & Daphnia; LMP-4 &LME-3
		parasite/host as they occur in food web	Drosophila (fruit flies), Cockroaches;handouts LMP-23a&b, 301
(11) (B)	8	how organisms depend on light, water, range of temp. & soil composition	plants,red wigglers; vinegar eels & LMP-15, handouts LME 61a, 71,79 , LMP-16
			protozoa & handout LMP-210
(11) (C)	8	how short- & long-term changes affect organisms	handouts LME-210,212,214,215,61b,117; Petri dishes; oat seeds
			vinegar eels & LMP-15 handout; protozoa & LMP-210 handout
(12) (A)	6	understand that all organisms are made of cell/s	protistas, THE CELL transparencies, preserved specimens
(12) (A)	7	adaptations allow functions (gills,bones,Xylem)	fish, live plants, TWA Adaptation trunk , Structure & Function , Venomous Snakes & Endangered Turtles kits
			Structure of Invertebrates, Vertebrates & Looking At Living Things transparencies

(12) (D)	7	look at structure & function in plant & animal cells	preserved frogs, worms & eyes; live plants; THE CELL transparencies;handout LME-2;
			dissection handouts: LME-32,172,303,304,305
			Structure of Invertebrate, Vertebrates & Looking At Living Things transparencies
(14) (B)	7	compare the results of uniform or diverse offspring	mealworms, fish, tadpoles, rodents, fruit flies; handouts LMP-101,125; LME-23e