## K-5 New Science TEKS Tools - Science at Region 13

Kindergarten Checklist of Items All items are labeled "including".	<b>1st Grade Checklist of Items</b> All items are labeled "including".	2nd Grade Checklist of Items All items are labeled "including".	3rd Grade Checklist of Items All items are labeled "including" except Indicates an Item is labeled "such as"	4th Grade Checklist of Items All items are labeled "including" except Indicates an Item is labeled "such as"	5th Grade Checklist of Items All items are labeled "including" except Indicates an Item is labeled "such as"
hand lenses goggles trays cups bowls sieves /sifters notebooks terrariums aquariums samples of rocks, sand, soil, loom, gravel, clay samples of seeds and plants windsock demonstration thermometer rain gauge straws ribbons non-standard measuring items blocks or cubes tuning fork various flashlights small paper cups items that roll noise makers hot plate opaque objects transparent objects foil pie pans foil muffin cups wax paper Sun-Moon-Earth model plant life cycle model	hand lenses goggles heat-resistant gloves trays cups bowls beakers sieves /sifters tweezers primary balance notebooks terrariums aquariums stream tables soil samples (loam, sand, gravel, rocks, clay) seeds plants windsock pinwheel student thermometer demonstration thermometer rain gauge straws ribbons non-standard measuring items flashlights sandpaper wax paper magnetic items variety of magnets hot plate aluminum foil	hand lenses goggles heat-resistant gloves trays cups bowls beakers notebooks stream tables soil sand gravel flowering plants student thermometer demonstration thermometer rain gauge flashlights ramps balls spinning tops drums tuning forks sandpaper wax paper flexible items non-flexible items magnets hot plate aluminum foil Sun-Moon-Earth model frog life cycle model butterfly life cycle model	hand lenses metric rulers Celsius thermometers wind vanes rain gauges graduated cylinders beakers digital scales hot plates meter sticks magnets notebooks Sun-Earth-Moon model timing devices terrariums aquariums collecting nets cameras	hand lenses metric rulers Celsius thermometers calculators laser pointers mirrors digital scales balances graduated cylinders beakers hot plates meter sticks magnets notebooks timing devices sieves materials for building circuits terrariums aquariums collecting nets computers, tablets cameras*	calculators microscopes hand lenses metric rulers Celsius thermometers prisms concave and convex lenses laser pointers mirrors digital scales balances spring scales graduated cylinders beakers hot plates meter sticks magnets collecting nets notebooks timing devices materials for building circuits terrariums aquariums computers, tablets cameras
	Sun-Moon-Earth model plant life cycle models animal life cycle models				



## 5-8 New Science TEKS Tools - Science at Region 13

5th Grade Checklist of Items All items are labeled "including" except Indicates an Item is labeled "such as"	6th Grade Checklist of Items All items are labeled "such as".	7th Grade Checklist of Items All items are labeled "such as".	8th Grade Checklist of Items All items are labeled "such as".
graduated cylinders	graduated cylinders	graduated cylinders	graduated cylinders
metric rulers	metric rulers	metric rulers	metric rulers
balances	periodic tables	periodic tables	periodic tables
scales	☐ balances	balances	balances
thermometers	scales	scales	scales
hot plates	☐ thermometers	☐ thermometers	thermometers
microscopes	temperature probes	temperature probes	temperature probes
magnets	laboratory ware	laboratory ware	laboratory ware
spring scales or force sensors	timing devices	timing devices	timing devices
hand lenses	pH indicators	pH indicators	pH indicators
lab notebooks or journals	☐ hot plates	hot plates	hot plates
notebooks	☐ models	☐ models	models
calculators	microscopes	microscopes	microscopes
beakers	slides	slides	slides
meter sticks	life science models	life science models	life science models
collecting next	petri dishes	petri dishes	petri dishes
timing devices	dissecting kits	dissecting kits	dissecting kits
materials for building circuits	☐ magnets	magnets	☐ magnets
☐ terrariums	spring scales or force sensors	spring scales or force sensors	spring scales or force sensors
aquariums	tools that model wave behavior	tools that model wave behavior	tools that model wave behavior
computers, tablets	satellite images	satellite images	satellite images
cameras	☐ hand lenses	hand lenses	hand lenses
prisms	☐ lab notebooks or journals	lab notebooks or journals	lab notebooks or journals
concave and convex lenses			weather maps
☐ laser pointers			
mirrors			



## High School New Science TEKS Tools - Science at Region 13

<b>Biology</b> All items are labeled "such as".	Chemistry All items are labeled "such as".	Integrated Physics & Chemistry All items are labeled "such as".	Physics All items are labeled "such as".	Aquatic Science All items are labeled "such as".	Astronomy All items are labeled "such as".	Earth Systems Science All items are labeled "such as".	Environmental Systems All items are labeled "such as".
data collection probes	an adequate supply of consumable chemicals	adequate supply of consumable chemicals	☐ balances	30-meter tape measures	binoculars	☐ bar magnets	30 meter tape measures
digital balances	computers	batteries	ballistic carts or equivalent	balances	celestial sphere	drawing compass	air quality testing devices
filter paper	probes	Celsius thermometers	batteries	buckets	color filters	fossil and rock sample kits	balances
gel electrophoresis and polymerase chain reaction (PCR) apparatuses	electronic balances	data-collecting probes	computers	buoys	concave, plane, and convex mirrors	Geographic Information Systems (GIS)	binoculars
hand lenses	Safety Data Sheets (SDS)	diagrams	constant velocity cars	calculators	diffraction gratings	Global Positioning System (GPS)	buckets
hot plates	scientific or graphing calculators	electronic balances	convex lenses	☐ cameras	globe of the Earth	hand lenses	calculators
incubators	sufficient scientific glassware such as:	Gauss meters	copper wire	ast nets	gnomons	magnetic compass	cameras
lab notebooks or journals	☐ beakers	hot plates	data acquisition probes and software	clinometers	lenses of multiple focal lengths	satellite imagery and other remote sensing data	clinometers
laboratory glassware	☐ Erlenmeyer flasks	internet	discharge tubes with power supply (H, He, Ne, Ar)	compasses	online access to observatories	topographical and geological maps	compasses
metric rulers	pipettes	lab notebooks or journals	dynamics and force demonstration equipment	compound microscopes	online astronomical databases		compound microscopes
microcentrifuges	graduated cylinders	light bulbs	electrostatic generators	computer models	Planisphere		computer models
micropipettes	volumetric flasks	☐ magnets	electrostatic kits	computers	spectroscopes		computers
microscopes	burettes	mass sets	friction blocks	core sampling equipment	star charts		core sampling equipment
models, diagrams, or samples of biological specimens or structures;		meter sticks	graph paper	field guides	sundials		densiometers
Petri dishes		metric rulers	graphing technology	field journals	telescopes		field guides
pipets		models	hand-held visual spectroscopes	first aid kits			field journals
slides		multimeters	inclined planes	fish tanks and associated supplies			first aid kits
test tube holders		software applications	iron filings	flow meters			flow meters
thermometers		spring scales	lab masses	Geographic Information System (GIS)			Geographic Information System (GIS) software
water baths		standard laboratory glassware	laser pointers	Global Positioning System (GPS)			Global Positioning System (GPS) units
		switches	magnetic compasses	graduated cylinders			graduated cylinders
		timing devices	magnets	hand lenses			hand lenses
		wires	metric rulers	hand magnifiers			hand magnifiers
	_		motion detectors multimeters (current, voltage,	hot plates hydrometers			hot plates inclination and height distance
			resistance) optics bench	inclination and height distance calculators			calculators internet access
			optics kit	internet access			kick nets
			photogates	kick nets			leveling grade rods (Jason sticks)
			plane mirrors	leveling grade rods (Jason sticks)			meter sticks
			prisms	meter sticks			metric rulers
			protractors	metric rulers			Petri dishes
			pulleys	Petri dishes			pH meters or probes
			resistors	pH meters or probes			pipettes
			rope or string	pipettes			protractors
			scientific calculators	protractors			rock and mineral samples equipment
			spring scales	ripple tanks			samples of biological specimens or structures
			springs	samples of biological specimens or structures			sampling nets
			stopwatches	sampling nets			screens
			switches	screens			shovels
			tuning forks	sediment samples equipment			soil test kits or probes

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			wave generators or other equipment and materials that will produce the same results	seines			spectrophotometers
				spectrophotometers			standard laboratory glassware
				standard laboratory glassware			stereomicroscopes
				stereomicroscopes			tarps
				tarps			thermometers
				thermometers			timing devices
				timing devices			trowels
				trowels			turbidity testing devices
				turbidity testing devices			various data collecting probes
				various data collecting probes			various prepared slides
				various prepared slides			waders
				waders			water quality test kits or probes
				water quality test kits or probes			work and disposable gloves
				water testing kits			
				weather balloons			
				work and disposable gloves			



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