



RECOMMENDED MINIMUM CORE INVENTORY TO SUPPORT STANDARDS-BASED INSTRUCTION

INTERMEDIATE GRADES SCIENCES

3rd-5th Grade Equipment List

Quantity per lab group of 4	Quantity per classroom/ adjacent work area	Description
SAFETY EQUIPMENT		
	1	First aid kit
1/student		Goggles
	1	Goggles sanitizer (holds 36 pairs of goggles)
1		Hot pads
	1	Small fire extinguisher
EQUIPMENT		
4		#2 stopper, rubber, 1 hole
1 set		Plastic container- 1 liter, ½ liter, ¼ liter
5+		Nails- size 20d
4		50 mL syringes
	1 roll	Aluminum foil
	1 set-up	Aquarium set-up (including tank, rocks, filter, air pump, dechlorinator drops, fish net) (Ideal but not required)
1 set		Assortment of sifting screens (with different meshes)
	1	Balloon pump
20		Balloons, assorted sizes and shapes
2		Bar magnet, large
1 set		Glass beaker- 250 mL and 500 mL
1		Beaker-1 liter/50 mL (plastic)
4		Bulb holder
2		Bus (cafeteria) trays- 12.5 cm X 38 cm X 51 cm
	1	Butterfly cage (Ideal but not required)
1		Candle, 4"-6", free-standing
2		Ceramic tiles, black and white (scratch test)
	2 set-ups	Clear plastic terrariums with plastic lids (6 liter)
1		Clip-on lamp with bulb
2		Compass, magnetic
	2 spools	Copper wire, bare, #18/25'
3		Pipette/eyedropper



Quantity per lab group of 4	Quantity per classroom/ adjacent work area	Description
4 each		Dry cell batteries- AAA, AA, A, D, C, 9-volt
1		Flannel cloth- minimum 6"x6"
1		Flashlight
1		Funnel- 4 oz., plastic
2		Glass plates
1 set		Plastic graduated cylinders- 50 mL, 100 mL
1 set		Gram pieces and mass sets
1/student		Hand lens
2		Horseshoe magnet
	1	Iron filings, 500g container
2		Magnifying bug boxes
1		Measuring spoons and cups
1		Meter stick
1		Meter tapes
1		Microscope
1		Modeling clay, 15.5 oz. package
3		Motors with wire leads (small)
	1	Periodic table of the Elements chart
4		Petri dishes, plastic
	100	Pipettes
1		Plastic basins (8 liter)
12		Plastic cups with lids (9 ounce)
2		Plastic mirror
	4	Plastic pitcher
12		Plastic vial with caps (12 dram)
	1	Plastic water mister
	1 bag	Potting soil (1.5 cubic feet)
1		Primary balance scale
1		Equilateral prism
	1	Rain gauge
	1	Ring stand and clamp
1 set		Rock and mineral set (with fossils)
10		Rubber bands
4 sheets		Sandpaper sheets, assorted grit
	1 roll	Saran wrap
	10 packages	Seeds, assorted varieties
1		Solar cell with wire leads
1		Sponge



CALIFORNIA'S ADVOCATE FOR HIGH QUALITY SCIENCE EDUCATION

Quantity per lab group of 4	Quantity per classroom/ adjacent work area	Description
1		Spring scale, 0-72 oz./0-2,000 g
	2	Stethoscopes
1		Stopwatch
	1	Stream table set-up (one per group, if possible)
1 ball		String
2		Switch, round base
1 roll		Tape: Clear tape with dispenser
1 roll		Masking/opaque tape
	3	Test tube brush
1		test tube holder
6		Test tubes, Pyrex/glass
2		Thermometer, Fahrenheit/Celsius
1		Triple beam balances
1		Tuning fork
1		Vial of litmus paper, blue, p/100
1		Vial of litmus paper, red, p/100

FACILITIES

A source of water and access to waste disposal are recommended for classrooms.