

**RECOMMENDED MINIMUM CORE INVENTORY
TO SUPPORT STANDARDS-BASED INSTRUCTION
GRADE 8 SCIENCE**

developed by California Science Teachers Association

Qty per lab group	Qty per classroom / adjacent work area	Description	Comments
SAFETY EQUIPMENT			
	1	emergency shower	
	1	eye wash station	
	1	fire blanket	
	1	fire extinguisher	
	1	flammables cabinet	
	1/person	goggles	
EQUIPMENT/SUPPLIES			
1		balance scale	
4		beakers, 50 ml	
4		beakers, 100 ml	
4		beakers, 250 ml	
2		beakers, 400 or 600 ml	
1		Beakers, 1000 ml	
1		Bunsen burner	
1		rings with clamps	
1		ring stands (or other lab counter top support)	
	100	cork and stopper	
	100	pipette/eye dropper	
4		evaporating dish	
2		funnels, plastic 2.75 "	
2		funnels, plastic 5.0 "	
1		gauze, wire, ceramic base	
4		graduated cylinders, 10 mL	
4		graduated cylinders, 50 mL	
4		graduated cylinders, 100 mL	
1		graduated cylinders, 500 or 1000 mL	
1		hot plate	
1		magnifying lens	
1		meter sticks	
1		mortar and pestle	
1		pan, aluminum pie	
4		protractor	
4		ruler, metric	
4		scissors	
4		flask, Erlenmeyer 125mL	
	4	flask, Erlenmeyer 250mL	
	100	test tubes	
1		test tube racks	
2		thermometer, Celsius and Fahrenheit combo	
1		tongs, beaker	
1		tongs, test tube	
	5 pkg of 100	paper, filter	
	1	periodic table wall chart	

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		vial each	
	1	litmus paper, red and blue	
		television or digital projector	
ASTRONOMY			
	1	HR diagram poster	
	1	spectroscopy poster	
4		spectroscopes	
BUOYANCY/DENSITY			
	1 set	density blocks, min 9 materials, including two elements	
1 set		mass sets, with hooks	
1 box		paper clips	
1		spring scale	
FORCE AND MOTION			
	100	balloons, 6" diameter	
1 each		balls (tennis, ping pong, rubber, super, golf, etc)	
4		calculator	
	1 spool	cord or fishing line	
	100	foam plates, 9" diameter	
		pag of 50	
		marbles	
1 roll		masking tape	
1		meter stick	
	1 set	8 slope ramps w/ different surface textures	
1		spring scale	
1		stopwatch	
1		washers, large	