

**RECOMMENDED MINIMUM CORE INVENTORY
TO SUPPORT STANDARDS-BASED INSTRUCTION
GRADE 6 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	
2		spring scales (to 1000 g.)	
2		calculators	
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 (to demonstrate conduction, convection, and radiation)	
1		rings with clamps	
1		ring stands (or other lab counter top support)	
	100	pipette/eye dropper	
2		funnels, plastic 2.75 "	
2		funnels, plastic 5.0 "	
1		gauze, wire	
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 (to demonstrate conduction, convection, and radiation)	
1		magnifying lens	
1		meter sticks	
1		pan, aluminum pie	
4		protractor	
4		drawing compass for triangulation (earthquake epicenter activities)	
4		ruler, metric	
2		timers/ stopwatches	
4		scissors	
2		thermometer, Celsius and Fahrenheit combo	
1		tongs, beaker	
4		graph paper (sheets/ lab)	
	1	overhead document camera	
	1	television or digital projector	

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EARTH SCIENCE			
	1	classroom topographic map/ poster (of region being studied)	
2		topographic maps of region being studied	
2		topographic modeling kits	
	1	cross-section of the Earth model	
2		bathymetric maps	
2		weather maps	
	1	classroom world plate boundary map	
2		plate boundary maps	
	1	classroom world map	
2		world maps	
2		earthquake/ volcano activity maps	
1		stream table set up	
1		sediment for stream tables (sand, etc...)	
1 set		materials to simulate plate movements	
1		slinky (extra long) to simulate wave motion	
BUOYANCY/DENSITY			
	1 set	density blocks	
1 set		mass sets, with hooks	
1 box		paper clips	
1 set		liquids with different densities (syrup/ sugar water, salt water, water, rubbing alcohol, etc.)	
	2 sets	food coloring	
ECOLOGY			
	1	food pyramid poster	
4		food pyramid templates	
	1 set	organism cards with roles in an ecosystem (plants/ producers, herbivores, etc...)	
RESOURCES			
	1 set	natural resource samples (petroleum, tree/ wood, etc.)	
	1 set	common objects made from natural resources (plastic, paper, etc.)	