

**RECOMMENDED MINIMUM CORE INVENTORY  
TO SUPPORT STANDARDS-BASED INSTRUCTION  
GRADE 7 SCIENCE**

developed by California Science Teachers Association

Qty per lab group	Qty per classroom / adjacent work area	Description	Comments
<b>SAFETY EQUIPMENT</b>			
	1	emergency shower	
	1	eye wash station	
	1	fire blanket	
	1	fire extinguisher	
	1	flammables cabinet	
	1/person	goggles	
<b>EQUIPMENT/SUPPLIES</b>			
1		balance scale, digital or triple beam	
4		beakers, 50 ml	
4		beakers, 100 ml	
4		beakers, 250 ml	
2		beakers, 400 or 600 ml	
1		beakers, 1000 ml	
1		cork and stopper	
1		pipette/eye dropper	
2		funnels, plastic 2.75 "	
4		funnels, plastic 5.0 "	
1		graduated cylinders, 10 mL	
1		graduated cylinders, 50 mL	
1		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 125 mL	
	4	flask, Erlenmeyer 250 mL	
	100	test tubes	
1		test tube racks	
2		thermometer, Celsius and Fahrenheit combo	
1		tongs, beaker	
2		tongs, test tube	
	1	periodic table wall chart	
	1	television or digital projector	
<b>CELL BIOLOGY</b>			
	15	microscopes	
	5 boxes	microscope slides	
	5 boxes	depression slides	
	15	prepared slides, onion root tip	

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	15	prepared slides, whitefish blastula	
<b>GENETICS</b>			
	1 set	karyotype charts	
<b>EVOLUTION</b>			
	1 set	fossils (common)	
1		world globe	
	1	paleontology chart: earth history	
<b>STRUCTURE AND FUNCTION OF LIVING SYSTEMS</b>			
1		convex lens	
1		concave lens	
4		small mirrors	
1		flashlight	
	1	eye diagram	
	1	ear diagram	
	1	torso	
	1	heart model	
<b>EARTH HISTORY</b>			
	1	earth map	