

**RECOMMENDED MINIMUM CORE INVENTORY
TO SUPPORT STANDARDS-BASED INSTRUCTION IN
ELEMENTARY GRADES SCIENCES**

developed by California Science Teachers Association

| Qty per lab group of 4 | Qty per classroom/ adjacent work area | Description | Comments |
|-------------------------|---------------------------------------|--|----------|
| SAFETY EQUIPMENT | | | |
| | 1 per child | goggles | |
| 1 | | hot pads | |
| | 1 | small fire extinguisher | |
| EQUIPMENT | | | |
| 4 | | #2 stopper, rubber, 1 hole | |
| 4 | | #2 stopper, rubber, 1 hole | |
| 1 set | | 1 liter, ½ liter, ¼ liter plastic containers | |
| 1 | | 1 liter, 50 ml plastic beakers | |
| 5+ | | 20-d nail | |
| 4 | | 2-hole rubber stopper | |
| 4 | | 50 ml syringes | |
| | 1 set-up | aquarium set up (including tank, rocks, filter, air pump, dechlorinator drops, fish net) | |
| 1 set | | assortment of sifting screens (with different meshes) | |
| 1 | | balloon pump | |
| 20 | | balloons, assorted sizes & shapes | |
| 2 | | bar magnet, large | |
| 1 set | | beaker, glass, 250 ml & 400 ml | |
| 4 | | bulb holder | |
| 2 | | bus trays (12.5 cm X 38 cm X 51 cm) | |
| | 1 | butterfly cage | |
| 1 | | candles, 4"-6" free-standing | |
| 2 | | ceramic tiles, small (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' | |
| 1 | | door bell | |
| 3 | | dropper, medicine | |
| 4 of ea | | dry cell batteries, AAA, AA, A, D, C, 9 volt | |
| 1 | | flannel cloth | |
| 1 | | flashlight | |
| 1 | | flask, glass | |
| 1 | | funnel, 4 oz., plastic | |
| 2 | | glass plates | |
| 2 | | glass rod | |
| 4 | | glass tubing | |
| - 100 m | 1 - 1 liter | graduated cylinders | |
| 1 set | | gram pieces and mass sets | |
| | 1 per child | hand lens | |
| 2 | | horseshoe magnet | |
| 1 | | hot plate | |

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| | 1 per child | goggles | |
| 1 | | hot pads | |
| | 2 spools | insulated bell wire, #18/50' | |
| | 1 | iron filings, 500g | |
| 2 | | magnifying bug boxes | |
| 1 set | | measuring spoons and cups | |
| 1 | | meter stick | |
| 1 | | meter tapes | |
| 1 | | microscopes | |
| 3 | | mini bulb | |
| 1 | | modeling clay, 15.5 oz. pkg. | |
| 3 | | motors, small, with wire leads | |
| | 1 | periodic table of elements chart | |
| 4 | | Petri dishes, plastic | |
| | 100 | pipettes | |
| 2 | | pith balls | |
| 1 | | plastic basins (8 liter) | |
| 1 dz | | plastic cups with lids (9 oz.) | |
| 2 | | plastic mirrors | |
| 1 | | plastic pitcher | |
| 1 dz | | plastic vials with caps (12 dram) | |
| 1 | | plastic water mister | |
| | 1 bag | potting soil bag (1.5 cubic feet) | |
| 1 | | primary balance scale | |
| 1 | | prism, equilateral | |
| | 1 | rain gauge | |
| 1 | | ring stand | |
| 1 | | ring, clamp | |
| 1 set | | rocks and minerals, and fossil sets | |
| 4 sheets | | sandpaper sheets, assorted | |
| | 1 | sand table | |
| | 10 | seeds, assorted varieties | |
| 2 | | slotted wooden blocks | |
| 1 | | solar cells with wire leads | |
| 1 | | sponges | |
| 1 | | spring scale, 0-72 oz/0-2000 g | |
| | 2 | stethoscopes | |
| 1 | | stopwatch | |
| | 1 | stream table set-up (one per group, if funds available) | |
| 1 ball | | string | |
| 2 | | switch, round base | |
| 1 | | test tube brush | |

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| 1 | | hot pads | |
| 1 | | test tube gripper | |
| 1 | | test tube holder, wood | |
| 6 | | test tubes, Pyrex/glass | |
| 2 | | thermometer, f/c | |
| 2 | | trays (cafeteria) | |
| 2 | | tripod magnifier | |
| 1 | | tubing vinyl, 5' | |
| 1 | | tuning fork | |
| 1 | | vial of litmus paper, blue, p/100 | |
| 1 | | vial of litmus paper, blue. p/100 | |
| | 1 | water table | |