

APPENDIX A

Materials List for a Can-Do Classroom

The materials listed below are grouped by the type of activities for which they would be used. This list was drawn from Brown and Precious (1968), Howes (1974), and Wassermann and Ivany (1996). These texts are especially recommended for a more complete listing.

Arts and Crafts

aluminum foil	fur	materials (potato, felt, and linoleum blocks; cutting tools; pencils; cork; spools; stamp pads; ink)
balloons	gauze	ribbon
balsa wood	glass beads	scissors
boxes, all sizes	lace	sculpting and modeling materials (soap, plaster of Paris, small cardboard boxes for molds, clay, clay tools)
cardboard tubes	leather scraps	sequins
cartons	materials for mosaics	sewing thread and needles
carving tools	mobile-making materials	shells
cellophane paper	modeling tools	sponges
chalk, different colors	newspaper	spools
charcoal	paint	stapler
clay	paintbrushes	straws
clay tools	paper, all kinds	tape
clothespins	paper clips	tins
coat hangers	paper fasteners	tissue paper, all colors
collage materials	paper punch	tubes from paper towels and toilet paper
corks	papier maché materials	wallpaper sample books
corrugated cardboard	paste	wire
cotton	pastels	wood
crayons	pencils, all kinds (colored, grease, soft, charcoal)	
doweling	pins	
drinking straws	pipe cleaners	
dyes	plaster of Paris	
easels	plasticine	
egg cartons	poster paint	
fabric scraps, all sorts	poster paper	
feathers	powder paint	
felt pens	printing ink	
finger paints	printing and stenciling	
food coloring		

Dress-Up and Housekeeping

aprons	washing, ironing, and	mirrors
baby carriage	cooking (kettle, knives	old costumes
blankets	and forks, tea set, pots	scarves
capas	and pans, tea towels)	shaving kits
chairs	jewelry	shawls
clothing (hats, ties, dress-	kitchen equipment, large	stethoscope
es, shoes)	(cupboards; sink units;	stuffed animals
crowns	chairs and stools;	suitcases
cushions	"play" refrigerator and	telephone
dolls and dolls' clothes	stove, possibly of card-	toy cars
fans	board; ironing board)	umbrellas
glasses	kitchen equipment, small	uniforms (doctor, nurse,
gloves	(toasters, coffee pots,	firefighter, sailor, po-
handbags	irons, mixers, old or	lice)
housekeeping equipment	broken appliances)	wallets
for sweeping, dusting,		

Cooking and Baking

basins	spoons	pots and pans, all kinds
cake tins	mixing bowls	recipes
colander	mixing spoons	tea towels
cookie sheets	muffin tins	timer
egg whisk	oven gloves	washing-up materials
kitchen scales	pie tins	wooden spoons
measuring cups and		

Music Making

bells	instruments	record player
castanets	ideas on how to write mu-	records (classical, popu-
charts and pictures of the	sic, blank music paper	lar, and children's
history of musical in-	instruments from olden	songs and dances)
struments	days and instruments	tambourine
chimes	from other countries	tapes and tape recorder/
cymbals	music books and sheets of	player
drums	easy-to-play music	triangles
glockenspiel	music boxes	tuning forks
guitar	orchestral instruments	ukelele
homemade instruments	piano	xylophone
ideas for making	recorders	

Construction

basic tools (hammers,	construction booklets,	balsa, dowels, peg-
saws, screwdrivers,	pictures of things to	board)
drill, files, plane, sand-	make	rope
paper, vise, pliers, twist	glue	screws
drills, metal saw, cop-	hinges	wheels of various sizes,
ing saw, square,	nails	cans, spools, wheels
straight edge)	pieces of garden hose	from broken toys
brads	pieces of wood, all sizes	wire
cardboard, different sizes	and shapes (bamboo,	workbench
and thicknesses		

Dramatic Play

boxes (sturdy) for a stage
 dress-up clothes and other
 props from the house-
 keeping materials
 jewelry

makeup
 marionettes
 musical instruments
 poster paints
 puppet stage

puppets, either store-
 bought or handmade
 tapes and tape player

Reading and Writing

camera
 catalogues
 children's homemade
 books
 children's library books,
 covering a wide range
 of abilities and interests
 "how-to-do-it" books
 magazines, children's and
 others
 materials for making

books (paper, card-
 board, staplers, art sup-
 plies)
 microphone
 newspapers
 paperback books
 picture collections
 reference books (encyclo-
 pedias, dictionaries,
 atlases, maps, tele-
 phone directories)
 scribblers and blank

books
 skillbuilders (games to
 practice language
 skills, enlarge vocabu-
 lary)
 tape recorder and blank
 tapes
 tapes with children's sto-
 ries
 typewriter
 word processor and ap-
 propriate software

Measuring and Numbering

assorted paper (graph,
 plain, large sheets and
 small)
 assorted writing tools
 (pencils, pens, chalk)
 balance scales
 blocks (dienes blocks, at-
 tribute blocks)
 calipers
 candles
 click wheel
 clocks
 compass
 containers of all sizes

cuisenaire rods
 dominoes
 games and puzzles
 kitchen scales with
 weights
 machines (adding ma-
 chine, calculators, cash
 registers)
 math reference books
 measuring cups, spoons
 measuring tools for linear
 measurements (rulers,
 yardsticks, meter sticks,
 string, rope, rods, tape

measure, wire)
 micrometer
 miscellaneous objects for
 counting (beans, seeds
 of all kinds, cones, pa-
 per clips, marbles, bot-
 tle caps, nuts, shells,
 corks, pebbles, nuts
 and bolts, washers,
 clothespins)
 play money
 protractor
 thermometers, different
 kinds

Sciencing

absorbent cotton
 air pump
 alcohol
 aluminum foil
 ammonia
 animals, small (mice, liz-
 ards, hamsters, guinea
 pigs, chicks, gerbils,
 fish, turtles)
 apple juice
 atomizers
 baking soda
 balance scales
 ball bearings

balloons
 balls
 barometer
 basins
 bathroom scale
 batteries
 beans
 bells
 binoculars
 block and tackle
 blocks
 blotting paper
 bobs
 bones

bottles
 bowls
 boxes
 brace and bits
 bricks
 bubble pipes
 buttons
 buzzer
 calipers
 camera
 candles
 can opener
 carbon paper
 cardboard tubes

- cement
 chalk
 cheesecloth
 chopsticks
 clocks
 clothespins
 colander
 comb
 compass, magnetic
 compasses, measuring
 concrete blocks
 corks
 cornstarch
 detergent
 doweling
 drums
 dry cells
 dry ice
 earthworms
 egg cartons
 egg whisk
 eggs
 electric fans
 electric motors, toy
 electric push buttons with
 lamps and sockets
 electrical appliances, for
 taking apart (toasters,
 coffee pots, mixers, ra-
 dios)
 extension cords
 eyedroppers
 eyeshades
 fabrics, all kinds
 feathers
 fertilizers
 filmstrip projector
 fired clay tiles
 fish weights
 flashlights
 flour
 flowerpots
 flowers
 fly wheel
 foam rubber
 food coloring
 foods
 forceps
 fruits
 funnels
 fur
- fuses, burned out
 geometric shapes
 glass
 glass beads
 glass cutters
 glass tubing
 glue and paste
 glycerine
 gravel
 gyroscopes
 harmonica
 height measure
 holograms
 honey
 hourglass
 ice cream sticks
 ice cubes
 instant coffee powder
 insulated copper wire
 iodine
 iron filings
 jacks, automobile
 jars
 jugs
 kaleidoscope
 kazoo
 knives (carving, paring,
 dissecting)
 lamp
 leather scraps
 leaves
 legumes, dry
 lenses, all kinds
 light bulbs, working and
 burned out, various
 sizes
 limewater
 logs
 lumber
 machines, for taking
 apart (adding ma-
 chines, typewriters,
 calculators, pencil
 sharpeners, clocks, tele-
 phones)
 magnetic wire
 magnets of all shapes and
 sizes
 magnifying glasses
 mallets
 marbles
 marking pens
 measuring cups
 measuring implements
 (yardsticks, meter
 sticks, tape measures)
 medicine dropper
 metal items (scraps, sheet-
 ing, wire)
 metals, all kinds and
 weights
 microscopes
 milk powder
 "minibeasties" (spiders,
 ants, caterpillars, worms)
 mirrors
 model windmill
 modeling clay
 molds
 motors
 mousetraps
 muffin tins
 nails of all sizes
 needles
 newspaper
 newsprint
 nuts and bolts
 overhead projector
 pails
 paper, all kinds
 paper clips
 paper cups
 paper punch
 paper towels
 paraffin
 peanuts
 peas
 pebbles
 pencil sharpener
 pendulum frame
 pendulums
 picture collections
 pillows
 ping-pong balls
 pins
 pinwheel
 pipe cleaners
 pitchers
 plants
 plaster of Paris
 plastic (sheeting, tubing)

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| plastic containers (buckets, basins, tubs) | spoons, graded sizes | toys (cars, airplanes, furniture, utensils) |
| plasticware (cups, dishes) | sprayers | transistor radios |
| playing cards | spring scales | transparent flexible tubing of various diameters |
| poster board | springs | trays |
| poster paints | squid | tree parts (bark, leaves, twigs, branches, driftwood) |
| potatoes | staple remover | triangles |
| potting soil | stapler | trundle wheel |
| printing ink | star charts | tubes from paper towels and toilet paper |
| prisms | steel wool | tuning forks |
| protractor | stethoscope | turntable |
| pulleys, double and single | sticks | umbrellas |
| rheostats | stones | unglazed clay tiles |
| ribbons | stopwatch | vacuum cleaner |
| rice | straws | vegetables |
| rock salt | string | vinegar |
| rocks | styrofoam chips | vise |
| rope | sugar | washers |
| rubber bands | sunlamp | watch |
| rubber suction cups | switches | water containers |
| rulers | syringes | watering can |
| salt | tape | waxed paper |
| sand | tape measures | wedge |
| sandpaper | tape recorder | weights |
| saws | tapes, musical | wheels of all sizes |
| scissors | teapot | whistles |
| screen | tea strainers | wire |
| screws, all sizes | telegraph key | wire cutters |
| sealing wax | telegraph set | wooden balls |
| seeds | telescope | wooden beads |
| seesaw balance on a fulcrum | test tubes | wood, scraps of different types |
| shells | thermometers (clinical, room, cooking) | "wormarium" |
| skeletons | thread, string, twine | xylophone |
| skins, animal | thumbtacks | yeast cakes |
| Slinky | timers (egg, 10-second) | yeast, dried |
| snail shells | tin cans | yo-yos |
| soap flakes | tissue paper, all colors | |
| soldering iron | toilet plunger | |
| spinning tops | tongue depressors | |
| sponges | tools (see "Materials for Construction") | |
| spools | toothpicks | |
| <i>Other Activities</i> | | |
| blocks | sand and water tables | toy cars and trucks |