

Appendix P: Required Equipment, Materials, and Supplies

To be included in all classrooms the first year of operation and replaced in existing classrooms on an as-needed basis. All furnishings and equipment in a First Class Pre-K program should be age appropriate for 3-5-year-old children and should not be made of easily breakable materials.

BLOCKS:

Unit blocks (starter set)
Cardboard bricks/hollow blocks
Small vehicles (cars and trucks)
Multi-cultural people figures
Career people figures
Traffic signs
Animal figures
Street rug
Books related to area
Writing tools
Minimum of two shelves
**There should be enough blocks, space, and accessories for three or more children to build a large structure independently.*

MATH:

Counting bears/animals, dominoes, counting games
Magnet numbers, number BINGO, tactile number templates, number peg puzzles, clock (for child play)
Chain links, timers, balance scale, tape measure, thermometers, yardstick or rulers, measuring cups spoons
Pegs and peg boards, sorting trays, nesting cups, playing cards, one-inch wooden cubes, one-inch tiles, unifix or snap cubes
Pattern blocks and cards, attribute blocks, lacing shapes, stringing shape beads, tangrams and puzzles, geoboards, puzzles with geometric shapes, magnetic shapes
Books related to area
Writing tools
Minimum of one shelf
**There should be at least 3-5 materials for counting, 3-5 materials for measuring, 3-5 materials for learning shape/size, 3-5 materials for comparing quantities, 3-5 materials for written numbers. Sometimes a "math" item may be present in another area such as thermometer in science, or a ruler in writing.*

FINE MOTOR:

Gears, magna-tiles, tweezer activities, tinker toys, connecting tubes, interlocking manipulatives, beads and strings, lacing cards, magnetic blocks, links
Puzzles (with many different subjects and number of pieces), floor puzzles, knob less and knobbed puzzles
Puzzle rack
Legos, bristle blocks, building logs, Small wood tabletop blocks
Books related to area
Writing tools
Minimum of one shelf with bins
**A minimum of 3-5 small building and art materials, manipulatives and puzzles should be included.*

NATURE AND SCIENCE:

Collections of natural objects – rocks and minerals, leaves, seeds, acorns, pinecones, shells, feathers, nuts, sticks, spices
Living things – models of insects, models of animals, live plants, aquarium, bug boxes, root View farm, live plants, aquarium
Science tools - thermometers, flashlight, prisms (plastic), unbreakable mirrors, binoculars, maps and globes, color paddles, various types of scales, measuring cups and spoons, linear measuring devices, stopwatch, hourglass, magnifiers
Games and toys-books (realistic pictures appropriate for pre-k), Science matching cards/sequence, cards, games (realistic and fact based), realistic animals, realistic puzzles.
Books related to area
Writing tools
Minimum of one shelf
**At least 3-5 examples of collections of natural objects, at least 1 living object, 3-5 examples of books and/or games, 3-5 examples of science tools for activities. Some items may be teacher made, collected, or parent donated.*

DRAMATIC PLAY:

Dramatic play furnishings - play kitchen set, table and chairs, child-size sofa, rug, doll furniture, dress up clothes storage, mirror
Dramatic Play Props - dolls (multi-cultural), play food from different cultures, cash register
Home Props - dishes, pots and pans, eating and cooking utensils, food containers, plastic food sets, mirror, iron, broom, mop, empty food containers, small appliances with cords removed, steering wheel, place mats, measuring cups, spoons, graduated size mixing bowls, reading glasses, vacuum cleaner, hair dryer, curling iron, magazines, telephones and cell phones, telephone books
Dress Up Clothes - community helper costumes, cultural costumes, *female gender specific* such as shoes, purses, scarves, dresses, skirts, jewelry *male gender specific* such as ties, wallets, shoes, jacket, briefcase

Theme related props/curriculum related literature props, photos, artifacts (should be changed out on a regular basis)

Toolbox

Doctor's kits

Books related to area

Writing tools

**At least 3 or more types of dress up clothes, 2-3 gender specific examples of dress up clothes, props for at least 2 different themes available daily (menu, cash register, construction worker, etc.), 3 or more Home props (not counting dishes, pots and pans, plastic food). There should be a variety of "themes" available to be rotated and cultural diversity must be represented. Some items may be teacher made, collected, or parent donated.*

LIBRARY:

Wide variety of children's books -rhyming, alliteration, predictable, informational/factual, classics, award winners, nursery rhymes and poetry, fantasy, nature and science, race/culture, people, abilities, animals, variety of big books (minimum of 6), class/child made books, photo book of class trips or events
child-size rocker, child-size sofa and chair or beanbag chairs

Library area furnishings - pillows, child-size rocker, child-size sofa and chair or beanbag chairs

Rug

Alphabet, beginning sounds and rhyming word

Puzzles, 3-D letters, letter templates, felt/flannel board, felt board story pieces, Puppets, stuffed animals

One face-out shelf for books

One additional shelf (with baskets or bins) to Organize books

**Some items may be teacher made, collected, or parent donated.*

WRITING:

Writing materials - variety of paper, clipboards, magna doodle, journaling/notebook pads, writing materials and tools to be placed in all centers

Dry erase boards

Suggested materials - catalogs, office forms, "junk" mail, telephones, message pads, guest checks, receipt books, order forms, envelopes

Writing Tools - pencils, pens, markers, crayons, chalk, erasers, pencil sharpener, dry erase markers/crayons, old computer keyboards, children's name cards, word/picture cards, letter stencils, letter stamps

Furniture - writing center or table/chairs, Minimum of one shelf for materials

Books related to area

Writing tools

**Some items may be teacher made, collected, or parent donated.*

ART:

Drawing- crayons (fat and small), markers, colored pencils, sidewalk chalk, white and colored drawing chalk

Paints - variety of paints (tempera, finger, watercolor, glitter), dot art painters, paint brushes, sponges, sponge brushes, paint cups

Art aprons

Paper - variety of sizes, weight, texture & colors
3D - play dough/clay, clay cutter and other clay equipment, Styrofoam, cardboard tubes, boxes, bottles, craft sticks, wood pieces, Styrofoam, cardboard tubes, boxes, bottles

Collage - sequins and spangles, paper shapes, yarn, string, ribbon, lace, felt, paper scraps, fabric scraps, wallpaper samples, wiggle eyes, chenille pipe cleaners, glitter, pom-poms, ribbon, lace fabric scraps, wallpaper samples

Tools - stencils, glue, scissors, hole punchers, tape (masking, clear, and colored), stapler and staples

Books related to area

Writing tools

Furniture - table and chairs, double easel, drying rack

Minimum of one shelf for materials

** There should be at least 3-5 painting materials, 3-5 three D materials, 3-5 Collage materials, 3-5 Art tools. Some items may be teacher made, collected, or parent donated.*

MUSIC AND MOVEMENT:

Instruments- CD player/listening device, set of 10 children's musical instruments (hand-made or purchased)

Music CDs, tapes, iPod/iPad/MP3

Variety of music tapes/CDs for children (minimum of 10)

Books related to area

Writing tools

Dance props- scarves, ribbon rings, streamers

Furniture – minimum of one shelf for storage

LISTENING CENTER:

CD player or some other type of listening device

CD stories or recorded stories

Storage for listening center

TECHNOLOGY:

Minimum of two tablet type devices (such as iPad - must be compatible with Teaching Strategies GOLD™)

Working internet connection to support technology

REST TIME:

Cots (one per child)

Cot sheets (one per child)

Cot carrier

GROSS MOTOR:

**Children should have access and the opportunity to use equipment daily that promotes a variety of skills (balancing, climbing, ball play, steering/pedaling wheeled toys). Portable equipment would include balls, hoops, large trucks, tricycles with helmets, parachutes, and cones. Stationary equipment would include developmentally appropriate climbing structures, sand/water table (if anchored), swings, etc. children should have the opportunity for gross motor both indoors and out*

MISCELLANEOUS ITEMS:

Cubbies with hooks (one per child)

Large rug for whole group area

**It is recommended that cubbies for storage of children's possessions be located in the classroom to be convenient for supervision, each child should have a separate cubby with hook so that coats, etc. do not touch.*

SAFETY EQUIPMENT:

Electrical plug outlets

First aid kit (items such as gloves, scissors, tweezers, thermometer, bandages, tapes, gauze, band aids, safety pins, eye dressings, cold pack kept in freezer, current first aid instruction chart, contact information)

OTHER SUGGESTED MATERIALS:

Pulleys, wedges, corks, marbles, small boats, ping pong balls, nuts and bolts, watering cans, small journals for observing and recording data, clipboards, plastic trays, tactile materials, etc.

Please note:

When purchasing shelving units, shelves should be low enough for teachers to easily see and monitor all children as they play in the indoor learning space. There should be a storage unit with individual cubbies for each child. When purchasing tables and chairs, the children's feet should be flat on the floor; table height should be approximately 8" above the chair seat. It is understood this will vary according to children in the classroom, and, therefore, might be a good idea to purchase a few chairs that are shorter than average for smaller children in the classroom.

ADDITIONAL ITEMS THAT MAY BE PURCHASED IF ADDITIONAL FUNDS ARE AVAILABLE:

Additional unit blocks, block sets, large vehicles for block play

Puppet stage and additional puppets

Magnetic board and a variety of magnets

Additional manipulatives

Additional dramatic play dress-up props

Additional art materials

Additional paint and play dough/clay colors

Child-size sofa and chair

Playhouse, farm set, garage set; play mats such as town/farm

Toolbox, tools, workbench, safety glasses

Additional dolls/doll accessories