

# Kindergarten Classroom Materials

Quantity	Item	Study (s)
Several sheets	Paper (large) or chart paper	Growing and Changing; Class Pet; Collections from Nature; Constructions; Dirt, Sand, and Water; My Body
1 per child	Photograph of each child	Growing and Changing
1 roll	Tape (or adhesive photo corners)	Growing and Changing
Class set	Drawing materials such as pencils, markers, colored pencils, watercolors, etc.	Growing and Changing; Class Pet; Collections from Nature; Constructions; Dirt, Sand, and Water; My Body
Variety	Tempera paints	Growing and Changing; Collections from Nature; Constructions
1 per child	Paintbrushes	Growing and Changing; Collections from Nature
1	Ball, globe, or other model of the Earth (optional)	Growing and Changing
Several	Basket, bucket, or other large containers	Growing and Changing; Collections from Nature; Constructions
Several	Blocks or books	Growing and Changing
1	Scale, kitchen or bathroom	Growing and Changing; Class Pet
Several	Meter stick or ruler	Growing and Changing; Class Pet, Collections from Nature
Several	Scissors	Growing and Changing; My Body
1 or more	Class pet	Class Pet
Variety	Materials for pet's tank or cage such as a water bottle, wood shavings, or food dish	Class Pet
Various amounts	Water	Class Pet, Collections from Nature; Constructions; Dirt, Sand, and Water
Variety	Pet food	Class Pet

Variety	Measuring tools such as string, centimeter, or unifix cubes™	Class Pet; Collections from Nature
Several	Reference books about class pet	Class Pet
Variety	Children's pets from home or photographs of pets	Class Pet
1	Camera and film (optional)	Class Pet; Constructions
Class set	Clipboards	Class Pet; Collections from Nature; Constructions; Dirt, Sand, and Water; My Body
Several	Books, magazines, and maps	Class Pet
Variety	Party supplies (class decorations, paper plates, cookies)	Class Pet
Several sheets	White paper	Collections from Nature; My Body
1 package	Crayons, jumbo with paper wrappings removed	Collections from Nature
1 roll	Masking tape	Collections from Nature; My Body
Several	Stamp pads or printing ink	Collections from Nature
Several	Trays such as egg cartons, deli trays, or frozen dinner containers	Collections from Nature; Dirt, Sand, and Water
1	Sponge	Collections from Nature
1	Paintbrush, wide or roller	Collections from Nature
1 or 2 packages	Clay, plasticine™, or play dough	Collections from Nature; My Body
1 container	Plaster of Paris	Collections from Nature
1	Spoon, large	Collections from Nature; Dirt, Sand, and Water
Class set	Safety goggles	Collections from Nature, Constructions; Dirt, Sand, and Water

1	Balance scale	Collections from Nature; Dirt, Sand, and Water
1 pack	Index cards	Collections from Nature; My Body
Several	Field guides, books, and magazines	Collections from Nature
Variety	Building materials such as Legos <sup>™</sup> , Tinker Toys <sup>™</sup> , Lincoln Logs <sup>™</sup> , or marble ramps	Constructions
Variety	"Recycled" garbage such as toilet paper or paper towel tubes, PVC tubing, craft foam, cardboard from boxes, shoe boxes, corks, string, scrap paper, egg cartons, and plastic bottles with lids	Constructions
Variety	Adhesive materials such as glue, staples, brad fasteners, and tape (masking, wrapping, packing)	Constructions; My Body
1 or 2 boxes	Sugar cubes	Constructions
1 or 2 packages	Clay	Constructions
Variety	Pictures of adobe houses (optional)	Constructions
Several	Craft sticks or sticks from outdoors (optional)	Constructions
1 roll	Cellophane (optional)	Constructions
Variety	Pre-cut wood	Constructions
Several	Wooden dowel rods	Constructions
1 package	Nails (medium-length)	Constructions
Several	Hammers, child-size	Constructions; Dirt, Sand, and Water
Several	Screws and screwdrivers	Constructions
1	Hook	Constructions
Variety	Objects to lift with pulley	Constructions
Variety	Books with pictures of pulleys, simple levers,	Constructions

	construction operations and equipment, and bridges	
1	Piece of wood with a nail partly driven in	Constructions
1	Hammer for teacher	Constructions
1	Wooden pole, such as a broom handle	Constructions
1	Rock, large (or other heavy object to lift)	Constructions
1	Rock, small	Constructions
Variety	Toy construction equipment such as cranes, front loaders, and power shovels	Constructions
1 bag	Sand	Constructions; Dirt, Sand, and Water
Several	Sand shovels	Constructions
1 or 2 bags	Marshmallows, miniature	Constructions
1 box	Toothpicks	Constructions
1 box	Plastic bags, small resealable	Constructions
Class set	Old shirts, plastic smocks, or aprons	Dirt, Sand, and Water
1	Box	Dirt, Sand, and Water
Several	Sand and water tables or tubs	Dirt, Sand, and Water
Various amounts	Dirt	Dirt, Sand, and Water
Variety	Tools such as shovels, sieves, colanders, sifters, pourers, squirters, and sprayers	Dirt, Sand, and Water
Variety	Gravel or small rocks	Dirt, Sand, and Water
Several	Socks (old cotton), dishtowels, or cloths	Dirt, Sand, and Water
1 cup	Dirt rich in compost, such as potting soil	Dirt, Sand, and Water
1	Coffee filter or paper towel	Dirt, Sand, and Water
Several	Jars, with lids, one large and several small for Science Center	Dirt, Sand, and Water

1	Ice tray	Dirt, Sand, and Water
Several	Containers, clear plastic	Dirt, Sand, and Water
1	Thermometer	Dirt, Sand, and Water
Variety	Small containers of materials such as rice, flour, salt, tempera or watercolor paint, oil, or juice	Dirt, Sand, and Water
Variety	Objects that sink or float such as small metal, cloth, and wooden toys; sticks; rocks; marbles; pencils; erasers; paper; or cloth	Dirt, Sand, and Water
Variety	Objects for displacement such as rocks, dry sticks, marbles, and foam pieces	Dirt, Sand, and Water
1 piece	Sod (15 cm [6 in] square and 15 cm [6 in] deep)	Dirt, Sand, and Water
2	Baking pans, large rectangular	Dirt, Sand, and Water
Several	Newspapers (optional)	Dirt, Sand, and Water
Several	Knives, plastic	Dirt, Sand, and Water
1 or 2	Rolling pins or cylindrical blocks	Dirt, Sand, and Water
1 roll	Cloth or plastic wrap	Dirt, Sand, and Water
1 or 2 packs	Clay (moist natural potter's clay)	Dirt, Sand, and Water
Several handfuls	Straw or grass	Dirt, Sand, and Water
1 sheet per child	Butcher paper	My Body
1	Ball	My Body
1 per child	Crackers or chips	My Body
1 per child	Piece of apple or chocolate	My Body
1	Orange , peeled	My Body

Several	Containers of "mystery" substances such as salt, sugar, vanilla, jelly, or sand	My Body
1 package	Hand wipes (optional)	My Body
Variety	Objects to see (pictures), hear (recordings), taste (lemons, sugar, salt), smell (cinnamon, vanilla), and touch (sandpaper, animal fur, water balloon)	My Body
5	Mirrors, small	My Body
5	Flashlights	My Body
1	Balloon	My Body
1	Stethoscope (optional)	My Body
1	Cardboard tube	My Body
2	Small, rolled tubes of paper	My Body
Several	Plastic bags, small	My Body
1	Long sock with foot cut off	My Body
1 roll	Thick yarn (1.5 m)	My Body
1 roll	Thin string (5 m)	My Body
1 box	Rubber bands, wide	My Body
1 box	Chalk	My Body