

## K-5 Essential Science Equipment List

### Standard 1

Safety goggles  
Vinyl gloves  
Stereoscope/microscope  
Microscope slides  
Graduated cylinders  
Measuring cups  
Measuring spoons  
Balance scales  
Thermometer  
Barometer  
Windsock  
Sand / Rice Table  
Water Table  
Water wheel  
Rulers/meter sticks  
Tape measures-standard and metric  
Eyedroppers  
Turkey basters  
Lab coats  
Gears Go Round  
Measurement manipulatives  
Sharp knife  
Assorted mixing bowls  
Mixing spoon  
Spatula  
Bucket  
Assorted baking pots and pans  
Funnels  
Timer  
Assorted sized jars  
Small clock with a second hand  
Scissors  
Hot plate  
Weather station  
Plastic systems models (i.e. digestive)

### Standard 2

Magnets  
Magnet building set  
Manipulatives for sorting  
Flashlights

Pulleys, incline planes, levers, gears,  
wedge, screws, wheel and axle,  
fulcrums  
Tuning fork  
Iron filings  
Books at appropriate reading levels  
Hand held mirrors

### Standard 3

Student set of magnifying glasses  
Giant Tri-Pod magnifying glass  
Spray bottles  
Animal containers  
Bug viewers  
Appropriate reading level books  
Video-animal/butterfly  
Plastic animals & habitat vegetation  
Puzzles  
Posters  
Terrariums  
Watering cans  
Marbles

### Standard 4

Age appropriate globe  
Relief map  
Rock collection  
Fossils  
Screw drivers  
Hammers  
Paint brushes  
Sea shells  
Weather related items see Standard  
Appropriate reading level books  
Puzzles  
Video- i.e. weather, fossils &  
paleontologists

### Standard 5

Computer and Computer programs  
Calculators

### Standard 6

N/A

## Essential Science Consumable Supplies

The use of consumables in the K-5 is an integral part of delivering science curriculum. Because of the diverse activities used in meeting the standards, the consumables used vary from classroom to classroom and grade level to grade level. Therefore, it is **imperative** each classroom be provided with a science supply budget which is separate from the building budget.

### Kindergarten Consumable Supplies

#### Safety Supplies

Sponges  
Paper towels  
Hand broom  
Dust pan  
Disinfectant  
Soap

#### Experiment Supplies

Reclosable plastic bags  
Plastic wrap  
Waxed paper  
Plaster of Paris  
Live Specimens-  
    Classroom pet  
    Equipment  
    Food  
    General care items  
    Butterfly larvae  
    Ants  
    Lady bugs  
    Mill worms  
    Tadpoles  
    Plants  
Food coloring

Food items- i.e. general  
“Pam” vegetable spray  
Batteries

#### Construction Supplies

Construction paper  
Graphing paper  
Cotton balls  
Pipe cleaners  
Glue  
Masking tape  
Markers  
Crayons  
Pencils  
Paint  
Brads  
Paper clips  
Staples  
Craft sticks  
Toothpicks  
Modeling clay or clay  
String  
Paper plates

## First Grade Consumables

Foil

Plastic wrap (water cycle)

Styrofoam balls (sun, earth, and moon)

Paper plates (weather, experiments)

Plastic ziplock bags (specimen collections)

Straws (matter)

Clay

Feathers (mixtures)

Food coloring (water cycle, plants, matter)

Toothpicks (models, tools)

Butterfly larvae or Frog tadpole (life cycles)

Cooking supplies (measuring, landforms, nutrition)

Food items (nutrition, grains, sorting)

Seeds (plants)

Potting soil (plants)

Batteries

Magnets

Seashells (earth science)

Classroom pet supplies

## Second Grade Consumable Supplies

Aluminum foil  
Assorted plastic bags  
Batteries  
Assorted mixing bowls  
Flashlight bulbs  
Plastic foam balls  
Assorted jars  
Cord  
Plastic cups  
Metric measuring plastic cups  
Assorted food items  
Gravel  
Plastic utensils  
Paper towels  
Nails  
Craft sticks  
Petroleum jelly  
Plaster of Paris  
Sand  
Potting soil  
Seeds  
Insulated wire

## Third Grade Science Consumable Supplies

### **Plants, seeds, and animals**

Live plants (i.e. cactus, coleus)

Seeds

Peat pots

Potting soil

Sand

Clay

Wood chips

Classroom pet and supplies

### **Paper/Plastic consumables**

Paper cups-various sizes

Styrofoam cups

Plastic bowls

Paper plates

Plastic utensils

Cotton balls

Cotton swabs

Paper towel rolls

Plastic wrap

Plastic baggies-assorted sizes

Aluminum foil

Straws

Matches

String

Thick rubber bands

Wax paper

Masking tape

Toothpicks

Laundry starch

Balloons

### **Assorted Food Items**

## Fourth Grade Consumable Supplies

Batteries  
String  
Cotton balls  
Petroleum jelly  
Plaster of Paris  
Rubber bands  
Balloons  
Seeds  
Ammonia  
Food coloring  
Alum  
Classroom pet supplies  
Assorted plastic bags  
Aluminum foil  
Paper cups  
Straws  
Wax paper  
Plastic wrap  
Bluing  
Assorted food supplies (i.e. salt, baking soda, etc.)  
Motor oil  
Soil  
Dish soap  
Plastic bowls  
Glue gun refills  
Iodine  
Liquid starch  
Clay