



Science[®]
Texas



¡Arriba las Ciencias![®]
Texas

Equipment Kits

Grades 6–8

Equipment Kit Configuration

Every lesson in *HMH Into Science*® Texas and *HMH Arriba las Ciencias*® Texas Grades 6–8 include multiple hands-on labs to promote engagement and collaboration. For your convenience, the activities were designed with easy-to-source materials. HMH® has made conducting them even more manageable by creating Grade-Level Equipment Kits.

Middle school teachers typically teach multiple classes, so our **kits include enough non-consumable materials for six groups of students per class and enough consumable materials for twelve groups of students.** For example, if there are 30 students in each class and the teacher teaches two classes, the 12 groups of consumable materials are split between the two classes so the teacher has enough consumable and non-consumable materials for 6 groups of 5 students for each class.

- Many materials which are shared between labs are grouped into Common Materials Bags or Bins. In nearly every hands-on lab, you will need to get materials from the Common Materials Bags or Bins.
- Materials that are exclusive to a lab are located in TEKS Bags.



Images are for illustrative purposes only and may not accurately reflect the actual product specifications.



Grade-Level Equipment Kits include both consumable and non-consumable materials. These materials will be found in either the Common Materials Bags, Bins or the TEKS Bags. Commonly sourced classroom materials such as paper, pencils, tape, crayons, and rulers will not be supplied in the equipment kits.

Grade-Level Equipment Refill Kits contain the consumable materials necessary to replenish each of the Grade-Level Equipment Kits.

Safety Kit include the materials needed to address classroom safety while performing hands-on labs.

Grade 6

Non-Consumable Materials

Description	Quantity
1.55 in. Rubber Ball	6
Non-Alkaline D Batteries, Pack of 2	6
D-Cell Battery Holder	12
3 x 1.5 x 1.5 in Wood Blocks, Pack of 6	2
16 oz. Plastic Deli Bowl	12
Circular Bulb Holders, Pack of 10	1
1.5V Miniature Bulbs, Pack of 10	1
Standard Size Playing Cards, Set of 52	6
12 x 15 in. Blue Cotton Cloth	6
Stopper #7 Cork	6
People Counters, Set of 12	1
100 mL Graduated Cylinders, Set of 6	1
3 in. Plastic Dropper, Pack of 6	2
Single Copper Electrode	6
D-Cell Plastic Flashlight	6
4.5 in. Metal Forceps	6
4 oz. Funnel	6
65 mm. Powder Funnels	6
Lid for 8oz., 12oz., 16 oz., 32 oz.	6
1 in. Ceramic Unpainted Disk Magnet	6
3 in. Alnico Bar Magnets, Pack of 2	6
3x/6x Dual Lens Magnifier, Pack of 6	1
5/8 in. Assorted Colors Marbles, Set of 50	2
Magnetic Marbles, Pack of 50	2
16D 3 1/2 in. Nail	1
6D 2 in. Nail	12
Blue Pawn	6
2 x 2 x 2 in. Plastic Rubber Ducky	6
Medium #60 Sandpaper	6
Metal Teaspoon Spoon	6
500 g./5N Tubular Spring Scale	6
3 in. Plastic Slinky Type Spring	6
Digital Stopwatch	6
20 ml. Sterile Syringe	6

Description	Quantity
Metal V-Back Dual Thermometer, Pack of 10	2
5 x 3 in. Rolling Tube w/ End Caps	6
7/8 in. OD x 3/8 in. ID Washer, Pack of 24	1
18 in. Wire Leads w/ Clips, Pack of 20	1
62' Nichrome Wire	1
16 oz. Spray Trigger Bottle	6
500 ml. Metal Soup Can w/o Lid	6
18 in. Wire Coat Hanger	6
Plastic Cover Slips, Pack of 100	1
16 oz. Glass Mason Jar	6
5.5 in. Precision Knife w/ 2 Bonus Blades	1
89 mm. Metal Lid for 16 oz. Jar	6
1 x 3 in Glass Microscope Slide, Set of 72	1
Graduated Beral Pipettes, Pack of 20	1
Student Protractor, Set of 6	1
2 - 3 cm. Granite Rock, Pack of 8	1
Rocks, Set of 48	1
60 in. English/Metric Tape Measure, Set of 10	1
12 Slot Plastic Unassembled Test Tube Rack	6
18 x 150 mm. Glass Test Tubes	18
7/16 in. Metal Thumbtacks, Pack of 100	1
10 in. Utility Tongs	6
250 ml. Polypropylene Beaker	18
14.25 x 8.25 x 4.75 in. Clear Bin	6
1000W Single Burner Solid Top Hot Plate	1
MS/HS Compound Microscope*	1
5.5 lb. Coarse Salt	2
5000 g. Compact Digital Scale	1

*An option to purchase a non-consumable kit without a microscope is available.



Grade 6

Consumable Materials

Description	Quantity
1 x 25 ft. Standard Weight Aluminum Foil	2
Plastic Grocery Bag	12
6 x 8 in. 2 Mil Plastic Zip Bag	100
8 x 10 in. 2 Mil Plastic Zip Bag	50
1 lb. Baking Soda	2
Assorted 9 in. Round Balloons, Pack of 25	3
500 g. Anhydrous Calcium Chloride	1
8.5 x 11 in. White Cardboard	12
1 lb. Cream Modeling Clay	6
Wooden Craft Sticks, Pack of 120	1
2 oz. Translucent Plastic Cup	125
12 oz. Clear Plastic Cups	12
9 oz. Plastic Squat Cups, Pack of 50	4
15 in. Coffee Filters	15
Coffee Filters, Pack of 100	1
.5 oz/15 ml. Blue Food Coloring	2
.5 oz/15 ml. Red Food Coloring	2
12 oz. Iron Filings w/ Shaker Top	1
Plastic Knife	36
12 x 12 in. Scrapbook Paper	15
100 ft. Roll Plastic Wrap	1
#64 Rubber Bands	1
16 oz. Epsom Salt	1
26.4 oz/box Non-Iodized Salt	2
2.2 lb (1 kg.) Fine Sand	1
843 mg. Poppy Seeds	2
Ivory Bar Soap	1
Plastic Spoon, Pack of 24	3
Steel Wool Pad	12
420 ft. 4 Ply Cotton String	2
1 lb. Granular Sugar	1
1 lb. Powdered Sugar	1
Round Toothpicks, Pack of 250	1
100 ml. Universal Indicator	3
16 oz. (500 ml.) Clear Vinegar	2

Description	Quantity
100 ft. 22GA PVC Copper Wire	1
2 lb. Active Yeast	1
1 in. White Dense Foam Ball, Pack of 12	11
500 g. Powder Borax	2
12 x 12 in. Corrugated Cardboard	24
8.5 x 11 in. White Cardstock Sheet	12
18 x 22 in. White Cotton Cloth	4
9 x 12 in. Green Felt Cloth	6
9 x 12 in. Purple Felt Cloth	6
9 x 12 in. Yellow Felt Cloth	6
16 oz. Cornstarch	12
Cotton Balls, Pack of 300	1
Wooden Craft Sticks, Pack of 50	1
Crayons, Set of 8	5
1/2 in. Brass Plated Fasteners, Pack of 100	1
Unflavored Gelatin, Pack of 4	2
3.4 oz. Iodine Starch Test	1
PH Paper w/ 11 Charts, Pack of 100	1
12 in. Assorted Pipe Cleaners, Pack of 100	1
1 lb. Kidney Bean Seeds	6
2 oz. (Approx. 125-140 Seeds) Lima Bean Seeds	1
10 in. Bamboo Skewers, Pack of 100	1
7.5 in. Wooden Rounded Ends Stirrer Sticks	12
9 x 12 in. White Tissue Paper Sheet	2
8 lbs. (8 qt.) Potting Soil	2

Grade 7

Non-Consumable Materials

Description	Quantity
50 ml. Polypropylene Beaker	6
16.9 oz. Clear Plastic Bottle	12
100W Incandescent Bulb, Pack of 3	2
Cap for 16.9 oz. & 1.5L Bottle	12
100 mL Graduated Cylinders, Set of 6	1
10 mL Graduated Cylinders, Set of 6	1
3 in. Plastic Dropper, Pack of 6	1
65 mm. Powder Funnels	6
9 in. 150W Swivel Head Clip-On Lamp	6
3x/6x Dual Lens Magnifier, Pack of 10	1
Metal Teaspoon Spoon	6
250 g./2.5N Tubular Spring Scale	6
Digital Stopwatch	12
60 in. English/Metric Tape Measure, Set of 10	1
18 x 150 mm. Glass Test Tubes	20
Metal V-Back Dual Thermometer, Pack of 10	2
10 x 12 in. 2 Mil Plastic Zip Bag	1
8 x 10 in. 2 Mil Plastic Zip Bag	1
1.5 in. White Dense Foam Ball, Pack of 12	2
2 in. White Styrene Ball	24
Balloon Hand Pump	6
12 in. Deflated Beach Balls	6
1 in. White Dense Foam Ball, Pack of 12	2
Table Tennis Balls, Pack of 6	2
Non-Alkaline D Batteries, Pack of 2	6
Assorted Clear Pony Beads, Pack of 500	1
Coated Beaker Tongs	6
16 oz. Plastic Deli Bowl	6
500 ml. Metal Soup Can w/o Lid	6
Clear Film Canister w/ Lid	6
Centimeter Cubes, Set of 100	2
Buret Clamp	1
45 mm. Magnetic Compass, Pack of 10	2
Student Compass	6
D-Cell Plastic Flashlight	6

Description	Quantity
4 oz. Funnel	6
11 in. Diameter Inflated Globe	6
Halls Car w/ Removable Axles	6
Utility Knife	1
Cylindrical Ceramic Magnet	6
3 in. Alnico Bar Magnets, Pack of 2	3
8.5 in. Pair of Rubber Mallets	3
3/4 in. Blue Marble	10
1 in. Large Blue Marbles, Pack of 25	1
1 x 3 in Glass Microscope Slide, Set of 72	1
4.75 x.75 in. Round Foil Pan	12
8.5 in. Round Foil Pan	6
Pulley w/ Table Clamp	12
3/16 in. x 50 ft. Clothesline Rope	1
1 lb. Kidney Bean Seeds	1
30 g. Mustard Seeds	1
Assorted Shells, Pack of 40	1
Human Blood Smear in Individual Case Slide	1
Leaf Epidermis in Individual Case Slide	1
3 Types Muscle in Individual Case Slide	1
Onion Root Tip Mitosis in Individual Case Slide	1
1 in. Steel Sphere	6
1/2 in. Small Steel Sphere	6
4 in. Pull Back Flat Back Pickup Truck	6
5 Dram Plastic Vial w/ Snap Cap	12
7/8 in. OD x 3/8 in. ID Washer, Pack of 24	3
250 ml. Polypropylene Beaker	18
600 ml. Polypropylene Beaker	6
14.25 x 8.25 x 4.75 in. Clear Bin	12
25 ml. Acrylic Burette w/ Stopcock	1
Plastic Kilogram Mass	6
MS/HS Compound Microscope*	1
5 x 8 in. Black Enamel Ring Stand	1
5000 g. Compact Digital Scale	1



Grade 7

Consumable Materials

Description	Quantity
1 x 25 ft. Standard Weight Aluminum Foil	2
6 x 8 in. 2 Mil Plastic Zip Bag	60
1 lb. Baking Soda	1
Assorted 9 in. Round Balloons, Pack of 25	2
3.38 oz. .04% Blue Bromothymol	3
8.5 x 11 in. White Cardboard	24
8.5 x 11 in. White Cardstock Sheet	12
1 lb. Cream Modeling Clay	10
Wooden Craft Sticks, Pack of 200	2
3 oz. Non-Wax Paper Cups, Pack of 100	1
9 oz. Plastic Squat Cups, Pack of 50	4
14-19 oz. Dish Soap Detergent	1
16 x 1/4 in. Wood Dowel	12
P60 Plumage Pheasant Feathers	1
2 lb. Flour	3
.5 oz/15 ml. Blue Food Coloring	2
.5 oz/15 ml. Red Food Coloring	2
16 oz. Vegetable Oil	1
Jumbo Paper Clips, Pack of 100	1
Black Construction Paper, Pack of 50	2
100 ft. Roll Plastic Wrap	1
#33 Rubber Bands	2
Plastic Spoon, Pack of 24	3
Wrapped Plastic Straw, Pack of 50	1
420 ft. 4 Ply Cotton String	2
1 lb. Granular Sugar	1
1 in. x 60 yds. Masking Tape	6
Round Toothpicks, Pack of 250	1
Red Paper Twist Tie, Pack of 80	1
16 oz. (500 ml.) Clear Vinegar	4
12 x 9 x 3 Box	12
12 x 12 x 5/16 in. Bubble Wrap	4
11 x 17 in. Corrugated Cardboard	12
12 x 12 in. Corrugated Cardboard	6
8.5 x 11 in. White Cardstock Sheet	12
11.4 x 24 in. Wool Cloth	2
Plastic Cover Slips, Pack of 100	1
2 oz. Translucent Plastic Cup	12

Description	Quantity
12 x 1/4 in. Wood Dowel	12
Coffee Filters, Pack of 100	1
9 cm. x 1/2 in. Foam Circles	12
3 x 5 in. Blank Index Cards, Pack of 100	1
11.5 g. Dry Nutrient Agar	4
Nylon Pantyhose	3
100 x 15 mm. Petri Dishes, Pack of 25	3
12 in. Assorted Pipe Cleaners, Pack of 100	2
9 in. Paper Plates, Pack of 50	1
1 in. Assorted Colors Pom Pom, Pack of 100	2
1/2 in. Assorted Colors Pom Pom, Pack of 100	2
3/4 in. Assorted Colors Pom Pom, Pack of 100	2
4 oz. Large Lima Bean Seeds	1
16 oz. Vegetable Shortening	2
10 in. Bamboo Skewers, Pack of 100	1
8 lbs. (8 qt.) Potting Soil	1
3 in. Sterile Swab, Box of 100 Pairs	1
1/2 in. Vinyl Tubing	12 ft.
12 Sprigs Elodea Voucher	2
Yeast Packets, Pack of 3	2
Alka Seltzer, Pack of 36	1
500 g. Aluminum Potassium Sulfate	1
10 x 12 in. 2 Mil Plastic Zip Bag	13
10 oz. Baking Powder	1
16 oz. Citric Acid for Canning	4
1 lb. 4 Colors Modeling Clay	3
16 oz. Cornstarch	1
12.5 cm. Paper Filter, Pack of 100	1
12 oz. Iron Filings w/ Shaker Top	2
32 oz. Lemon Juice	1
Blue Litmus Paper Strips	100
Red Litmus Paper Strips	100
16 oz. Epsom Salt	1
26.4 oz./box Non-Iodized Salt	2
5 1/2 in. Wooden Flat Stirrer	25
1 lb. (.45 kg.) Sugar Cubes	1
3 kg. (6.6 lbs.) Fine Sand	

Grade 8

Non-Consumable Materials

Description	Quantity
1 in. White Dense Foam Ball, Pack of 12	3
Non-Alkaline D Batteries, Pack of 2	6
2 x 1/4-20 in. Bolt	25
8 oz. Plastic Deli Bowl	24
ID 0.5 mm. x OD 6.5 mm. Capillary Tubes, Pack of 6	1
ID 0.8 mm. x OD 6.5 mm. Capillary Tubes, Pack of 6	1
1 lb. Red Modeling Clay	3
100 mL Graduated Cylinders, Set of 6	1
3 in. Plastic Dropper, Pack of 6	2
D-Cell Plastic Flashlight	6
4.5 in. Metal Forceps	6
65 mm. Powder Funnels, Pack of 5	2
Hex Nut 1/4 in. For 16246B	50
9 in. 150W Swivel Head Clip-On Lamp	6
5/8 in. Assorted Colors Marbles, Set of 50	3
Student Protractor, Set of 6	1
Clip-On Lamp Stand	6
Digital Stopwatch	6
Metal V-Back Dual Thermometer, Pack of 10	2
Round Toothpicks, Pack of 250	1
7/8 in. OD x 3/8 in. ID Washer, Pack of 24	1
Tennis Ball	6
Table Tennis Balls, Pack of 6	1
9 mm. Assorted Plastic Beads, Set of 1000	1
8 x 21 Magnification Mini Binoculars	1
13W Compact Daylight Fluorescent Bulb	1
Wooden Spring Clothespins, Pack of 30	1
5/8 in. Dice, Pack of 8	1
12 x 1/4 in. Wood Dowel	24
11 in. Diameter Inflated Globe	6
Halls Car w/ Removable Axles	6
6 in. Wooden Hoop	6
16 oz. Shatterproof Plastic Jar	1
Plastic Lid for 16 oz. Jar	1
3x/6x Dual Lens Magnifier, Pack of 6	1
2.25 x 3.75 in. Plastic Mirrors, Pack of 4	5

Description	Quantity
4 in. Equilateral Acrylic Prism	6
Pulley w/ Table Clamp	6
Fizz Keeper Pump	6
1 lb. Black Bean Seeds	1
1 lb. Kidney Bean Seeds	1
2 oz. (Approx. 125-140 Seeds) Lima Bean Seeds	1
10 oz. Mung Bean Seeds	1
1 lb. Pinto Bean Seeds	1
1 lb. White Navy Bean Seeds	1
Spectroscope	6
3 in. Plastic Slinky Type Spring	6
10 g. Hooked Weight	12
20 g. Hooked Weight	6
50 g. Hooked Weight	12
100 g. Hooked Steel Weight	6
600 ml. Polypropylene Beaker	18
14.25 x 8.25 x 4.75 in. Clear Bin	6
100W Incandescent Bulb, Pack of 3	2
11 3/4 x 10 7/8 x 4 1/2 in. Plastic Colander	6
5000 g. Compact Digital Scale	1
10 x 14 in. Blue Plastic Tray	6



Grade 8

Consumable Materials

Description	Quantity
3 x 3 in. Pad Yellow Adhesive Notes	1
Alka Seltzer, Pack of 36	3
6 x 8 in. 2 Mil Plastic Zip Bag	50
1 lb. Baking Soda	2
Assorted 12 in. Round Balloons, Pack of 12	3
3.38 oz. .04% Blue Bromothymol	1
12 x 12 in. Corrugated Cardboard	18
2 oz. Chalk Block	1
Colored Chalk, Set of 12	1
3 oz. Non-Wax Paper Cups, Pack of 100	1
16 oz. Clear Plastic Cups	12
1 oz. Medium Plastic Cups	6
9 oz. Plastic Squat Cups, Pack of 50	3
8 oz. Styrofoam Cups, Pack of 25	3
Coffee Filters, Pack of 100	1
2 lb. Flour	1
.5 oz/15 ml. Blue Food Coloring	2
.5 oz/15 ml. Red Food Coloring	2
3 x 5 in. Blank Index Cards, Pack of 100	2
16 oz. Vegetable Oil	12
Standard #1 Paper Clips, Pack of 100	2
Black Construction Paper, Pack of 50	1
Assorted Color Push Pins, Pack of 100	1
Straight Ball Head Pins, Pack of 150	1
100 ft. Roll Plastic Wrap	1
1 oz #14 Rubber Band	3
Medium #60 Sandpaper	1
1 lb. Kidney Bean Seeds	2
Plastic Spoon, Pack of 24	2
Wrapped Plastic Straw, Pack of 50	2
420 ft. 4 Ply Cotton String	2
2 in. x 10 yds. Duct Tape	1
9 x 12 in. White Tissue Paper Sheet	24
16 oz. (500 ml.) Clear Vinegar	1
3 x 3 in. Pad Yellow Adhesive Notes	1
16 oz. 70% Rubbing Alcohol	2
1 x 25 ft. Standard Weight Aluminum Foil	1

Description	Quantity
Plastic Grocery Bag	12
Assorted 9 in. Round Balloons, Pack of 25	2
9 mm. Assorted Plastic Beads, Set of 1000	1
16 oz. Plastic Deli Bowl	12
8.5 x 11 in. White Cardboard	12
20 x 60 in. Red Cellophane	2
1 lb. Cream Modeling Clay	3
12 x 12 in. Silk Friction Cloth	6
2 oz. Translucent Plastic Cup	120
5 oz. Wax Paper Cups	12
16 oz. Clear Plastic Cups	12
14-19 oz. Dish Soap Detergent	1
Diffraction Grating Slides, Set of 6	2
15 in. Coffee Filters	15
32 oz. Lemon Juice	2
Blue Litmus Paper Strips	100
Red Litmus Paper Strips	100
Assorted Construction Paper, Pack of 48	1
50 sq. ft. Roll Waxed Paper	1
3/4 in. Assorted Colors Pom Pom, Pack of 100	3
#33 Rubber Bands	1
26.4 oz/box Non-Iodized Salt	2
23.5 x 23.5 in. Polyester (Flexible) Screen	2
5 1/2 in. Hollow Stirring Sticks	36
Wrapped Colossal Straws, Pack of 50	1
2 in. x 10 yds. Duct Tape	2
3/4 x 22 yds. Black Electrical Tape	1
15 x 20 in. Orange Tissue Paper Sheet	12
Round Toothpicks, Pack of 250	2
11 x 1.5 in. Cardboard Tube	12
Red Paper Twist Tie, Pack of 80	2
500 ml. Universal Indicator	2
16 oz. (500 ml.) Clear Vinegar	9
5 lb. 3/16 in. Small Gravel	1
3 kg. (6.6 lbs.) Fine Sand	1
8 lbs. (8 qt.) Potting Soil	2

Grades 6–8

Safety Kit

Description	Quantity
Sign-Safety Goggles Required	1
15 OZ Liquid Disinfectant	1
Pack of 30 Lens Cleaning Towelettes	1
Large Vinyl Apron	8
Small Vinyl Apron	23
Student Safety Goggles	23
Adult Safety Goggles	8
Pair of Heat Resistant Gloves	1
100 ML Cleaning Solution	1
Plastic Zip Bag for Goggles, 6x12"	8
Plastic Zip Bag for Goggles, 6x8"	23



Notes

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