

Investigating Earth Systems Investigating Soil

Part	Durables	Investigation	Qty
LS-5004	Lens, Hand, 3 x 6 x	1	14
BO-0016	Set of Large Plastic Mixing Bowls	3	21
PS-0007	Plastic Strainer	3	7
SS-5054	Kitchen Sieve, Fine	3	7
PV-0010	1 x 10 Sch. 40 PVA. Tubing	4	7
DS-5020	Plunger to Remove Soil	4	7
WP-02036	2" x 4" x 6" Block of Wood	4	7
HA-0120	Small Hammer	4	7
WC-0016	Watering Can	5	1
SS-7779	Stopwatch	5	7
PV-0046	4' x 6' Sch. 40 PVA. Tube	5	7
SP-0106	Large Sponge	6	7
ST-0033	Long Shallow Tub for Stream Table	6	7
WP-0128	Wood Piece 1" x 2" x 8"	6	7
BO-5064-I	Heavy Duty Flip-Top Storage Container		1
KT-9200-D	Total Durable Kit Price		
Part	Consumables	Investigation	Qty
CC-0010	Cup, Clear Plastic, 10 oz.	2	35
CP-0036	Colored Pencils Set/36	4	2
CS-5032	Cup, Clear Plastic, 10 oz. W/ Small Holes	5	32
CS-5034	Cup, Clear Plastic, 9 oz.	5	7
CS-5042	Clay Powder- 1 lb.	5	5
CS-6204	Cup, 5 oz.	7	32
DM-0050	Disposable Dust Masks	6	100
GR-0005	Gravel, lb.	5	5
PB-0404	4 x 4 White Poster Board	7	112
PB-0007	Poster Board	7	14
PS-0070	Plastic Spoon	3	7
RG-0100	Disposable Rubber Gloves	2	200
SA-0005	Sand, Fine- 1 lb.	5	5
SS-5044	Soil Testing Kit	5	7
SS-6113	Straw, Plastic, Drinking	2	21
TS-5012	Tongue Depressor	1	500
WS-7546	Plastic Wrap	4	1
KT-9200-C	Total Consumable Kit Price		

Investigating Earth Systems
Investigating Oceans

Part	Durables	Investigation	Qty
BS-1606	Battery Clip W/Solid Leads	1	2
BP-0500	500 mL Plastic Beaker	1	2
CL-6002	Alligator Clip Leads	1	2
CL-7002	Alligator Clips	1	2
NS-5918	Nails, 12 d.	1	2
MS-0013	Microscope Slides W/Cover Slips	1	12
SP-0002	Spot Plate (To Be Used For Freshwater & Saltwater)	1	2
SM-1676	Meter Stick	2B	7
RO-0007	Rope, ft. (Cut In 23 ft. Sections)	2	161
SS-7779	Stopwatches	2B	7
SP-0003	Spatula	2C	7
ST-0033	Long Shallow Tub For Stream Table	2C	7
MA-1200	Marbles	2D	140
RT-0033	1.5 gal Rectangular Tub	3	7
BP-0400	400 mL Plastic Beaker	3	14
TS-3602	Thermometers	3	7
MS-0006	Measuring Spoon Set	3	7
CS-7718	1/2 gal. Aluminum Container	4	7
FW-0002	Small Fishing Weight	4	7
WM-0001	Wire Mesh	4	7
CM-1108	Calculators	4	7
DI-0016	Pyrex Dish 8 x 8	5	1
WB-0004	Wood Blocks 2 x 2 x 1/2"	5	4
MS-5514	Dynamic Planet Map	5	1
PI-0016	1 gal Clear Plastic Container	6	7
WT-0014	Metal Washers	6	50
PS-5712	Plastic Shoe Box	7	7
BO-5064-I	Heavy Duty Flip-Top Storage Container		1
KT-9300-D	Total Durable Kit Price		

**Investigating Earth Systems
Investigating Oceans**

Part	Consumables	Investigation	Qty
AS-0014	Alka-Seltzer Tablets	6A	50
BS-1599	9-Volt Battery	1	2
CO-0006	Corn Syrup Bottle	5	2
CO-0014	Corks	2C	7
CP-1000	Red Colored Pencil	6C	7
CP-7000	Black Colored Pencil	6C	7
CS-6204	Cups 5 oz.	1	7
FC-0004	Food Coloring (Blue, Red, Green & Yellow)	3B	7
FI-0007	Plastic Film Storage Containers	6A	42
GS-7706	Graph Paper	4A, 4B	1
LE-0090	Super-Bright Led-Conductivity Test Long Lead To Positive		2
OM-6030	Overhead Markers		7
PB-0007	Poster Board 23 x 29	6B, 6C	50
PP-6128	Pushpins	1	100
RE-0090	47 Ohm Resistor	1	4
SA-0005	Sand, Fine- 1 lb.		56
SA-0016	Box Of Salt		7
SS-7722	Roll of String	4A	1
YS-7724	Yarn, ft.	2B	14
KT-9300-C	Consumable Kit		
	Items Needed Not Supplied	Investigation	Qty
	Lightweight Rubberbands	1	2
	Hardboiled Eggs	1	2
	1 x 4 Piece Of Cardboard	1	2
	Freshwater Aquarium Plants		2
	Compound Light Microscope	1	1
	Distilled Water, 1 gal.	1	1
	2 Liter Clear Soda Bottles		14
	Ice Cubes, 5 lb.		3
	Small and Medium Size Rocks	4	21
	Ruler	4A	7
	Pencils	6A	7
	Hot Plates	5	7
	Materials To Build Ocean Floor	7	7
	Transparency Sheet	7	7

Investigating Earth Systems Water As A Resource

Part	Durables	Investigation	Qty
SS-7779	Stopwatch	1	7
CS-0024	100 mL Graduated Cylinder, Plastic	1	7
CM-1108	Calculator	1	7
RT-0036	Transparent Plastic Box-11 x 7 x 5 With Holes Drilled In It	4	4
WP-0490	2 Qt Water Pitcher	4	4
BO-0032	Large Transparent Plastic Bowl (Teacher Demo)	4, 5	1
DI-0116	Small Heavy Dish (Teacher Demo)	4	1
BP-0500	500 mL Plastic Beaker	5A, 5B, 5E	10
PU-0001	Pumice	5B	1
TS-3602	Thermometer	5C	2
BP-1000	1000 mL Plastic Beaker	5C, 5F	3
EL-4181	Electronic Scale	5E	1
WA-0136	Water Testing Kit	6	1
BO-5064	Heavy Duty Flip-Top Storage Container		1
KT-9500-D	Durable Kit		
Part	Consumables	Investigation	Qty
BA-0002	Balloons	5D	21
CF-0100	Coffee Filters	7	100
CP-0008	Pack Of Colored Pencils	7	7
FC-0001	Food Coloring, Blue	4	4
GR-0002	Granite Chips, 1/2 lb.	4B	4
GR-0005	Gravel, lb.		40
SA-0005	Sand, Fine lb.	4B, 5	40
SA-0010	Sand, Course lb.	4B	30
SA-0016	Salt	4B	2
SO-0030	Soil, lb.	5B	5
TP-5050	Tracing Paper Pk/50	3	2
TS-2662	Masking Tape	4B	7
WS-7546	Wrap, Clear Plastic	4	1
KT-9500-C	Consumable Kit		

Investigating Earth Systems Water As A Resource

	Items Needed Not Supplied	Investigation	Qty
	Large Pin	1	7
	Measuring Cups	1	7
	Wire Rack	1	7
	2 L Cardboard Container	1B	7
	Topographic Map Of Local Area	3	7
	Maps Showing Industrial Sites, Dumps	3	7
	Roll Of Paper Towels	4B	1
	Plastic Sheet, 30 x 30	4B	7
	Rulers	4B	4
	Safety Goggles	4B, 5	28
	Transparent Drinking Straws	4B	200
	Coin	4 part II	7
	Potted Plant	4 part III	7
	Bathroom Scale	4 part III	1
	Stirring Rod	5	7
	Vegetable Oil	5	2
	Kool-aid Mix	5A	7
	Small Plastic Items	5B	2
	Ice Cubes	5A, 5B, 5E	20 lb.
	Source Of Hot Water	5A	
	Leaves	5B	42
	Soda Cans	5C	14
	Access To Water Faucet	5D	1
	Pin	5	7
	Capillary Tube	5F	100
	Waste Water Sample	7	7
	Kitchen Sieve	7	7
	Funnel Set	7	7

Investigating Earth Systems Energy Resources

Part	Durables	Investigation	Qty
HS-5630	Electric Hot Plate	1	1
ED-1161	Eyedropper W/Rubber Top	1	1
FA-0036	Battery Powered Handheld Fan-To Rotate The Turbine	1	1
KE-0001	Electric Tea Kettle-To demonstrate steam pressure	1	1
SS-1281	Scissors	1, 5, 6	7
CO-0004	Four Types Of Coal For Observation (Peat, Lignite, Anthracite & Bituminous-7 Specimens Each Set)	3	1
LS-5004	Hand Lens, 3 X 6	3	7
TO-1260	Tongs, Rubber coated	3	1
EL-4181	Electronic Scale	3	1
FU-1001	Funnel	3	21
PS-5712	Plastic Shoe Box	5A	7
RS-2826	Ruler, Metric	5A	7
CB-2417	Cardboard Box W/Lid 11" x 8" x 4"	5	7
CS-7717	Aluminum Quart Container	6	3
TS-3602	Thermometer	6A, 7A	3
CG-0250-P	250 mL Plastic Graduated Cylinder	6	1
VC-0120	120-V Ceramic Heat Lamp Assembly W/Shield	6	3
HS-7617	1 3/4' Burette Clamp	6	3
RH-6132	Stirring Rod	6	1
HO-0002	Right Angle Clamp (To Replace Crossarm)	6	7
ST-0002	3/8" x 12" Aluminum Rod (To Replace Crossarm)	6	7
BP-0500	500 ml Plastic Beaker	6	7
TU-0058	5/8" OD x 15' Clear Rubber Tubing (Cut Into 15FT Pieces)	6	105
BO-1496	15 x 12 Corrugated Cardboard Box Painted Black	6B	7
CL-0026	Tubing Clamps To Halt Flow of Wate	6B	7
ST-0022	Small Styrofoam Cooler	6B	3
BU-0006	Siphoning Bulb	6B	7
BK-0250	250 mL Beaker	7	7
CM-1108	Calculator	7	7
BO-5064-I	Heavy Duty Flip-Top Storage Container		1
KT-9700-D	Durable Kit		

Investigating Earth Systems Energy Resources

Part	Consumables	Investigation	Qty
BA-0002	Balloons	3B, 5B	100
CO-0007	Four Types Of Coal-Ignitable	3A	1
CP-0008	Colored Pack Of Pencils	2	7
CS-6047	Styrofoam Cup	6B, 7A	40
FC-0001	Coloring, Food, Blue, 1/4 oz.	5B	7
GR-0005	Gravel, lb.	5B	7
GS-7706	Graph Paper	2, 5, 7	7
HL-0250	250-W Reflective Heat Lamp		3
OM-6031	Overhead Markers	5A	7
OT-0001	Overhead Transparencies	1	100
PP-6128	Push Pins		100
RB-6108	Heavy Rubber Bands		50
SA-0000	Sand, Fine Blue Color, lb.	5	10
SA-0001	Sand, Fine, Red Color, lb.	5	10
SA-0005	Sand, Fine, lb.	3B, 5A, 5B	80
SK-2668	Wooden Bamboo Skewers	5B	50
SS-6113	Transparent Drinking Straws	5A	200
ST-0003	Roll Of Double Sided Sticky Tape	5A, 6B	1
TB-0912	Tagboard, 9" x 12"	1	50
TS-2662	Masking Tape	3B, 5, 6, 7	2
WS-7546	Plastic Wrap	6B, 7A	2
KT-9700-C	Consumable Kit		
	Items Needed Not Supplied	Investigation	Qty
	Safety Goggles	1, 3, 5	28
	Gloves	3, 5	28
	Access To Water	1	
	Posterboard	2, 3, 7	84
	Two Sealed Bags Of Salad Greens	3B	2
	Canned Tuna Samples	3B	7
	Bunsen Burner	3	
	Containers Of Untreated Fresh Water	3B	7
	Head Of Lettuce	3B	2
	2-L Clear Soda Bottles	3B	42
	Can Of Black Paint	6A	1
	Can of White Paint	6A	1
	Access To Water	6, 7	
	Newspaper For Insulation	6B	
	Ringstand Or Stack Of Books	6	7
	Soup Can W/Label Removed	7A	7
	Source Of Hot Water	7A	

Investigating Earth Systems
Earth In Space: Astronomy

Durable Kit / Quantities for groups of 4 students , 7 groups in a class = 28 students			
Part	Durable Kit	Investigation	Qty
DE-0001	Laminated Diagram of the Earth Showing Different Layers	1	7
SS-0004	Laminated Diagram of the Solar System	4	7
RM-0001	Raised Relief Map Of The World	1	1
SS-0003	Solar System Poster	4	1
MS-3207	Measuring Tape, Vinyl 152 cm/60 in.	3, 7	7
CM-1108	Calculator	3, 4	7
MM-0001	Moon Map	2	4
FL-0132	Flashlight	2, 7	7
BS-0790	Ball, Tennis	2	4
PP-0001	Ping Pong Ball	2	4
CM-0001	Laminated Chart Of Moon Phases	2	2
SS-1282	Safety Scissors	4	7
RS-2826	Ruler, Metric	2	7
PR-0116	Triangular Prism	5	7
TS-3602		5	14
SC-0002	Star Chart Book	7	7
LL-0001	LED Light	7	7
PS-5712	Plastic Shoe Box	2	2
SM-1676	Meterstick	2	1
ZZ-0027	Storage Container		1
KT-9000-D	Astronomy, Complete Durable Kit		
Consumable Kit / Quantities for 6 classes of 28 students			
Part	Consumable Kit	Investigation	Quantity
BS-1596	D-Cell Battery	2	14
CP-0008	Colored Pack Of Pencils	1, 2, 4, 5, 6, 8	14
IC-0058	Cards, Index, 5" x 8"	2	600
FL-0007	Flour, lb.	2	30
GD-0001	Glow in the Stars 42 Packs of 24	7	1008
PB-0007	Poster Board , 23" x 29"	2, 5, 6, 8	200
PB-0006	Black Posterboard, 22" x 28"	7	50
TS-6120	Tape, Adding Machine, Roll	4	42
TS-2662	Masking Tape	2, 3, 4	7
KT-9000-C	Astronomy, Complete Consumable Kit		
	Total Durable and Consumable Price		
	Consumable and Durable Kit with Discount	15% Discount if Complete kit (as listed) is purchased	
	Additional Items Needed Not Supplied	Investigation	Quantity
	Overhead Projector	1	1
	Overhead Transparency Of Questions From Blackline Masters	1	1
	Pebble	2	10
	Live Plants	5	2
	Computer with Internet Access	1, 6	1
	Computer with Microsoft PowerPoint	6, 8	1

**Investigating Earth Systems
Rocks and Landforms**

Part	Durable Kit	Investigation	Qty
RS-5202	Rock Samples, Sedimentary-Sandstone, Limestone, Shale, Conglomerate & Bituminous Coal Packaged in Sets of 7	1	1
RS-5203	Rock Samples, Metamorphic-Marble, Gneiss, Schist & Slate Packaged in Sets of 7	1	1
RS-5204	Rock Samples, Igneous-Basalt, Gabbro, Granite, Rhyolite, Obsidian & Scoria Packaged in Sets of 7	1	1
TW-5010	Steel Tweezers	3	7
SS-0016	Sandstone (Berea Grit) Chips, -1 lb.	4	1
SS-5054	5" Kitchen Sieve, Fine	4	7
ST-0033	Long Shallow Tub For Stream Table	5	7
CS-7718	1/2 Gallon Aluminum Container	5	7
KT-9100-D	Total Durable Kit Price		
Part	Consumable Kit	Investigation	Qty
BA-0002	Balloons	3	7
CC-0010	10 oz. Clear Plastic Cups	3	28
CM-2701	Black Colored Marker	2	7
CM-2703	Green Colored Marker	2	7
CM-2704	Red Colored Marker	2	7
CS-5011	Cards, Index, 3 X 5", P/500	5	500
CS-5017	Lids For 10 Oz Cup	3	28
CS-5042	Clay, LB	6	7
CS-5214	Chalk Chips, LB	3	1
Part	Consumable Kit	Investigation	Qty
DM-0050	Disposable Dust Masks	3, 4	100
GS-7706	Graph Paper Pad Of 50 Sheets	6, 7	1
GR-0002	Granite Chips- 1/2 lbs.	3, 4	4
GR-0005	Gravel- 1 lb.	1	35
LS-5216	Limestone Chips, 3 lbs.	1	1
MS-0014	Mustard Seed Packet	3	1
MS-5052	Marble Chips- 2 lbs.	3	1
PL-0052	Plaster Of Paris- 1 lb.	3	5
PM-0007	Permanent Marker, Black	2	7
RS-5216	Rock Salt- 1 lb.	5	1
SA-0005	Sand, Fine- 1 lb.	5	56
SD-1112	Disposable Small Pie Pan	6	14
SO-0030	Soil- 1 lb.	5	70
SS-2393	Pad of Coarse Grade Steel Wool	5	28
TP-5050	Tracing Paper Pk/50	2	1
TS-5012	Tongue Depressor	6	500
VI-0016	Vinegar , 1 Pint	6	4
KT-9100-C	Total Consumable Kit Price		
	Items Needed Not Supplied	Investigation	Qty
	Cups, 5 oz.	3	30
	32 oz.Plastic Jar W/Cap	4	7

Investigating Earth Systems Our Dynamic Planet

Part	Durable Kit	Investigation	Qty
FL-0132	Flashlight	2	7
SS-7778	Stopwatch	2	7
ST-0033	Long Shallow Tub for Stream Table	2	7
SH-3639	Heavy Duty Slinky	2	14
OP-8511	8 1/2 x 11 Overhead Sheet of Protractor	2	1
BR-1112	Small Brick, 3 x 2 x 1 1/2	3	14
SD-1112	Small Shallow Dish	3	7
HS-5630	Electric Hotplate-Teacher Demo	3	1
BK-1000	Beaker, 1000 mL-Teacher Demo	3	1
HS-5634	Potholders	3	2
MS-5514	Dynamic Planet Map	5	1
SS-1281	Scissors	6	7
BO-5064-I	Heavy Duty Flip-Top Storage Container		1
KT-9600-D	Total Durable Kit Price		
Part	Consumable Kit	Investigation	Qty
BA-0014	Brown Paper Bags	1	25
BS-1596	D-Cell Battery	2	14
CA-0050	Tea Lite Candles	3	50
CB-0308	Cardboard, 3 x 8 Pieces	4	100
CO-0006	Corn Syrup	3	4
CP-0008	Colored Pack Of Pencils		7
CP-6024	9 x12 Construction Paper, Pk/50	6	1
FC-0001	Food Coloring, Blue	3	1
GL-1146	Glue Stick	6	7
MA-0010	Box of Kitchen Matches	3	1
OA-0001	Box of Oatmeal	3	1
PM-0007	Black Permanent Marker	2, 4	7
SA-0015	Cedar Bedding- 1 lb.		1
SH-0007	Foam Shaving Cream Can	4	7
SS-6113	Plastic Straws	2	14
TB-0101	Tagboard Square 1 cm x 1 cm	3	50
TB-0306	Tagboard, 3 x 6 Pieces	4	50
TS-2662-	Masking Tape	2, 4	1
ZB-0810	Plastic 8 x 10 Ziplock	1	7
KT-9600-C	Total Consumable Kit Price		

	Items Needed Not Supplied	Investigation	Qty
	Rulers	2, 3, 4	7
	Small Pebbles	2	7
	Copy of World Map	5	7
	Copy of World Map Showing Continents and Shelf	6	7

Investigating Earth Systems

Fossils

Part	Durable Kit	Investigation	Qty
FO-1001	Palezoic Collection, 15 Specimans	1,7	1
FO-1002	Mesozoic Collection, 15 Specimans	1,7	1
FO-1003	Cenozoic Collection, 15 Specimans	1,7	1
CM-1108	Calculator	2, 4	7
LS-5004	Hand Lens, 3 x 6	2, 5	7
RS-2826	Ruler, Metric	2,3,5	7
BS-0790	Tennis Ball	2	3
SS-4365	Steel Marble	2	3
BS-7203	Bocci Ball	2	3
BS-0787	Super Ball	2	3
BS-7205	Soccer Ball	2	3
SO-0010	Softball	2	3
VO-2226	Volleyball	2	3
TA-0025	Windup Tape Measure	2, 4	7
CL-0002	Small Clam Shells	2, 3	14
PA-0853	9" x 5" x 3" Pan	2	7
PS-0070	Plastic Spoons	2	7
BO-0016	Large Mixing Bowls	2	7
ST-0033	Long Shallow Tub For Stream Table	3	7
CB-1414	14 x 14 Cardboard	3	7
SS-1281	Scissors	3	7
FO-1004	Fossil Clamshell Set of 7	5	1
DI-6626	Gaming Die	6	7
FO-1005	Advanced Fossil Collection W/Descriptive Key Sheet & Time Chart	7	1
BO-5064-I	Heavy Duty Flip-Top Storage Container		1
KT-9800-D	Durable Kit		
Part	Consumable Kit	Investigation	Qty
CS-5042	Clay, LB	2	5
CP-0008	Colored Pack Of Pencils	2	7
CP-6020	Construction Paper, Black, PK/50	2	2
CS-5011	Unlined Index Cards	1, 5	600
PL-0052	Plaster Of Paris, LB	2	20
SA-0005	Sand, Fine LB	2, 3	50
SA-0010	Sand, Course LB	2	10
SS-7722	Ball Of String	2, 4	1
TS-6120	Roll of Adding Machine Tape	4	7
VA-0016	Vaseline	2	7
KT-9800-C	Consumable Kit		
	Items Needed Not Supplied	Investigation	Qty

	Samples of Fresh Fruit	1	7
	Samples Of Partailly Decomposed Fruit	1	7
	Samples Of Shrimp, Clamshell	1	7
	Microscope	2	1
	Leaf Medium Size	2	100
	Piece Of Dried Fruit	2	7
	Newspaper	2, 3	7
	Access To A Water Supply	2, 3	1
	Books To Tilt Stream Table	3	7
	Paper Towel Roll	3	1
	Small Leaves Presoaked Overnight	3	100
	750 ml Watering Can W/Head W/Small Holes	3	7
	Topographic Map Of Local Region	3	7
	Notebooks	4	28
	Chalk	4	7
	Large Posterboard	4, 6	84
	Paperclips Or A Stapler	5	28
	Fresh Clamshells W/Clam Removed	5	7
	Regional Geological Map Access Driven By Fossils	7	7
	Access To Research Materials	7	
	Materials To Create A Display	7	



**Investigating Earth Systems
Climate and Weather**

Part	Durable Kit	Investigation	Qty
TH-0002	Indoor Outdoor Thermometer & Humidity Instrument	1	1
PS-7208	Large Pins-Wind Vane	1	50
SS-1281	Scissors	1	7
HP-0001	Hole Punch	1	7
SS-0001	Small Stapler	1	7
BP-1000	1-L Plastic Beaker	1	1
CG-0050	Cylinder, Plastic Clear, Graduated, 50 mL	1	1
BO-0500	8 oz. Plastic Bottles W/Medium Size Necks And Caps	3	14
CB-0004	Cardboard Piece 4 x 4	3	14
DS-6067	12 qt. Dishpan	3	7
FA-0036	Battery Powered Handheld Fan	5	2
TS-3602	Thermometers	5	8
CB-1414	Cardboard Sheet, 14 x 14 Square	5	2
BR-0001	Heavy Mass	5	2
ST-0022	Small Styrofoam Cooler	5	2
MC-0002	Small Metal Container W/Lid	5	2
FL-0132	Flashlight	5	2
MS-3207	Measuring Tape, Vinyl, 152 cm/60 in.	5	2
PL-0060	Small Plastic Dish	5	2
TS-3602	Thermometers	6	13
VC-0120	120-Volt Heat Lamp W/Shield	6	7
HS-7617	1 3/4' Burette Clamp	6	7
HO-0002	Right Angle Clamp	6	7
ST-0002	3/8" x 12" Aluminum Rod	6	7
CH-0004	4 Place Cup Holder	6	7
BO-5064-I	Heavy Duty Flip-Top Storage Container		1
KT-9400-D	Total Durable Kit Price		

Part	Consumable Kit	Investigation	Qty
BA-0002	Balloons	5	20
BS-1596	Battery, D-Cell	5	4
BS-1608	AA Battery	5	4
CC-0010	10 oz. Clear Plastic Cups	6	24
CO-0024	Cotton Balls	5	50
CP-0008	Pack of Colored Pencil	3	7
CS-5017	Lids For 10 Oz Cup	6	24
FC-0001	Food Coloring-Blue	3	7
FC-0006	Food Coloring-Red	3	7
FF-7704	File Folders	1	25
GS-7706	Graph Paper	1,4	7
HL-0250	250-Watt Reflective Heat Lamp	5	7
MC-5418	Modeling Clay	1	6
OM-6031	Black Overhead Markers,	3	7
OM-6033	Green Overhead Markers	3	7
OM-6034	Red Overhead Markers	3	7
PE-0016	Pencils W/Eraser	1	84
PS-7708	Paper Plates	1	100
PU-0002	3 oz. Plastic Cups	1	200
SA-0005	Sand, Fine- 1 lb.	6	5
SS-6113	Clear Plastic Straws	1	200
TS-2662	Masking Tape	1,3	1
KT-9400-C	Total Consumable Kit Price		
	Items Needed Not Supplied	Investigation	Qty
	Various Weather Instruments W/Instructions	1	
	Block of Wood	1	7
	Base Map Region	1	30
	Local Street Map of Town/City	1	7
	Local Weather Report For 3 Consecutive Days	2	7
	Transparency Film	3	
	Three Different Newspaper Weather Maps	3	7
	Information On Weather Map Symbols	3	7
	Weather Map W/Symbols For Sky Conditions	3	7
	Weather Map W/Symbols For High/Low Pressures	3	7
	Weather Map W/Temperature Bands Only	3	7
	Weather Map W/Barometric Pressures	3	7
	Paper Towels	5	1
	Ice For Cooler And Ice Bath	5	25 LBS
	Blank Global Map- BLM	6, 7	7
	Global Climate Change Resources	7	1
	Weather Data For Your Area Past 30 Years	8	7

Investigating Earth Systems Materials and Minerals

Part	Durables	Investigation	Qty
PE-0096	Penny	2	2
NS-5918	Nail, 12 d.	2, 4	7
GL-0012-MIE	Glass Plate, 1 x 2	2, 4	7
ST-1212	Steel File	2	2
BP-1000	1000 mL Plastic Beaker	2	4
BS-1606	Battery Clip W/Solid Leads	2	2
CL-6002	Alligator Clip Leads	2	8
PL-0026	Pliers	2	2
HA-0120	Small Hammer	2	2
WS-6734	2" x 4" x 1' Wood Piece	2	2
MS-0354	Large Bar Magnet	2	1
TS-3602	Thermometer	2	2
EL-4181	Electronic Scale	3, 6, 7	1
BO-0016	Large Mixing Bowl	3	7
CG-0250	250 mL Plastic Graduated Cylinder	3	7
CT-0032	Reusable Containers for Sand/Iron Measurements	3	50
SP-0007	Stirring Spoon	3	7
DO-1662	1" x 12" Wood Dowel To Pack Mixture	3	7
CM-1108	Calculator	3, 5, 7	7
PS-7724	Protective Foam Pad	3	1
LS-5004	Hand Lens, 3 x 6	4	7
MS-1606	Minerals Sample Set To Include Gypsum, Calcite, Quartz, Magnetite, Pyrite, Chalcopyrite, Hematite, Bornite, Fluorite, Feldspar, Muscovite Mica & Biotite Mica (7 Specimens Of Each Rock)	4	1
ST-8006	Streak Plate	4	7
MS-0090	Small Magnet	4, 5	14
PA-7614	Paper Clips	4, 5	20
PL-1010	8" x 10" Plexiglass Piece	5	7
WO-0302	3" x 2" x 1/2" Wood Piece	5	14
ST-0302	3" x 2" x 1/2" Styrofoam Piece	5	14
PI-0099	Large Pizza Box, 14 x 14	1, 5	7
MA-1201	Pencil Magnet	5	2
ST-1201	Electronic Stud Finder	5	2
BA-0001	Glass Baby Food Jar W/Cap-Sulfide Ore Experiment	6 C	7
KS-5050	3" Kitchen Sieve, Fine	6 C	7
BI-0007	Small Bicycle Air Pump	6 C	2
BO-5064-I	Heavy Duty Flip-Top Storage Container		1
KT-9900-D	Durable Kit		

Investigating Earth Systems Materials and Minerals

Part	Consumables	Investigation	Qty
BB-0042	Bottle of Bubblebath	6 C	3
BS-1599	9V Battery	2	2
CE-1200	Cement, LB	3	42
CC-0010	Cup, Clear Plastic, 10 oz.	6C	50
CF-0100	Coffee Filters	6A	100
CF-0100	Small Cone Coffee Filters, #1	6C	50
CS-5011	Cards, Index, 3 X 5",	6C	500
CS-6047	Styrofoam Cup	2, 6	10
DE-1200	Diatomaceous Earth, LB	3	42
DM-0050	Disposable Dust Masks	3	100
DU-0026	Duct Tape	3, 5	2
EP-0016	Epsom Salt	4A	1
FO-1260	1" Foam Pipe Insulation Cut Into 1 Foot Sections	3	84
GR-0002	Crushed Granite, 1/2 lb.	4	7
GR-0005	Gravel, LB	3	42
LE-0090	Super-Bright Led	2	2
PB-0007	Poster Board , 23X29-	7	50
RE-0090	47 Ohm Resistor-Conductivity Test	2	4
SA-0005	Sand, Fine, LB	3	42
SA-0016	Salt	4A	1
SA-1111	Sealed Sand Bag Premeasured To 1/4 LBS	3	20
SS-0016	Sandstone, LB	4	7
SU-0017	Coarse Chalcopyrite, 1/4 lb. (To Be Used In Place of Sulfide O	6C	6
SS-0020	Steel Shot- 1 lb.	6C	5
TP-0100	Toothpicks	6A	100
TS-5012	Tongue Depressors	6A	500
KT-9900-C	Consumable Kit		

Investigating Earth Systems Materials and Minerals

	Items Needed Not Supplied	Investigation	Qty
	Clipboard & Pen to Record The Interview	1	7
	Safety Goggles	2,3,4	28
	Gloves	2, 3	28
	Aprons	2, 3	28
	Set Of Objects At Each Station	2	
	Access To Water	2, 3	
	Ice Cubes	2	5 LB
	Rulers	3, 5 & 6	28.00
	Roll Of Paper Towels	3, 6	2
	Bucket To Hold Premeasured Sand	3	1
	Rag Needed to Wrap Concrete	4	2
	Access To Research Material	4	
	Alum	4A	1
	Various Plastic Objects To Tape To Board	5	
	Hard Boiled Eggs	6	42
	Plastic Knives	6A	10
	Various Ceral Sampoels Sealed In Plastic Bags	6B	7
	Small Towels To Shake Jar In-	6C	7
	Mineral Distribution Charts	7	7
	Internet Access	7	
	Relief Map Of The US	7	7
	Relief Map Of The World	7	7
	Set Of Common Items	7	7
	Daily Newspaper W/Financial Pages		7