

Sixth Grade

Knowledge and Skills (1) Scientific Investigation and Reasoning

The student, for at least 40% of instructional time, conducts laboratory and field investigations following safety procedures and environmentally appropriate and ethical practices.

(4) Scientific Investigation and Reasoning

(A): Tools

Suggested Quantity	Revised Quantity	Fisher Part #	Description	Unit Price
Journals/Notebooks				
8	_____	S68518	QUADRILLE LABORATORY NOTEBOOK	\$14.56
Beakers				
8	_____	S95153	BEAKER PP GRADS 50 ML 12/PK	\$11.60
8	_____	S95154	BEAKER PP GRADS 100 ML 12/PK	\$13.90
8	_____	S95155	BEAKER PP GRADS 250 ML 12/PK	\$16.65
8	_____	S95156	BEAKER PP GRADS 500 ML 12/PK	\$23.75
8	_____	S63242	PYREX BEAKER 100ML 12/PK	\$50.95
8	_____	S63243	PYREX BEAKER 150ML 12/PK	\$38.30
8	_____	S63244	PYREX BEAKER 250ML 12/PK	\$40.20
8	_____	S63245	PYREX BEAKER 400ML 12/PK	\$46.85
8	_____	S63246	PYREX BEAKER 600ML 6/PK	\$29.75
Meter Sticks				
8	_____	S32051	Solid Hard Maple Meter Sticks	\$4.20

Graduated Cylinders

8	=====	S31858	TEKK CYLINDER 25ML 6/PK	\$54.00
8	=====	S31860	TEKK CYLINDER 100ML 6/PK	\$74.65

Hot Plates

8	=====	S50441	SCHOLAR 170 HOTPLATE 110 VOLT	\$167.10
8	=====	S50446HP	STIR/HOT PLATE PC220 4X5" 120V	\$448.00

Test Tubes

8	=====	S30612A	TEST TUBE 16X150MM W/LIP 72/PK	\$64.80
8	=====	S63287	PYREX TEST TUBES 13X100 72/PK	\$33.35
8	=====	S47890	TEST TUBE SUPPORT 13/16 HOLE	\$6.50
8	=====	S99451	WOODEN TEST TUBE RACK	\$8.00

Triple Beam Balances

8	=====	S40020	BALANCE TRIPLE BEAM W/SS PLATE	\$137.25
8	=====	S97281	BALANCE TRIPLE BEAM PRO BALANCE	\$169.00

Microscopes

8	=====	S90000	FSE MIDDLE SCHOOL SCOPE 1	\$128.60
8	=====	S90004	FSE 4X 10X 40X HS SCOPE	\$229.50

Thermometers

8	=====	13 201 663	DURAC THERMOMETER	\$4.53
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Calculators

30	<u> </u>	S65240	TI-15 CALCULATOR	\$22.50
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Computers

Timing Devices

1	<u> </u>	S65330	MYCHRON STUDENT TIMERS 12/PK	\$77.70
8	<u> </u>	S90208	FB WATER-RESISTANT STOPWATCH	\$10.60

Grade Level Specific:

Petri Dishes

8	<u> </u>	S31473	PETRI DISH 100X15MM 12/PK	\$75.95
8	<u> </u>	S08185	PETRI DISH 100X15MM 20/PK	

(B) Safety Equipment

Chemical Splash Goggles

30	<u> </u>	S47615	GOGGLE SPLSH IND VENT 1PR/PK	\$4.40
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Aprons

30	<u> </u>	S47382A	BLUE APRON MED 27"W X 42"L	\$6.70
30	<u> </u>	S475612	RUBBERIZED APRON 27 X 42IN	\$9.40

Gloves

1	_____	S47341	GLOVE N-DEX LP 4MIL MED 100/PK	\$20.95
2	=====	S473383	SMALL PF LATEX GLOVES 100/PK	\$18.73
8	=====	S47368	GLOVES FLOCK #9 PK/12PR	\$49.40

Eye/Face Wash

1	_____	S477014	FACE/EYE WASH	\$403.00
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Fire Blanket

1	_____	S47559B	NOMEX FIRE BLANKET	\$101.65
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Fire Extinguisher

1	_____	S51214	FIRE EXTINGUISHER 5 LB	\$85.80
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Grade Level Content

Matter and Energy:

Metal, Non-metal and Metalloid Samples

1	_____	S25146	ALUMINUM METAL STIPS 30/PK	\$13.70
1	=====	S93268	IRON METAL FILINGS FINE 500G	\$5.35
1	=====	S75532	MAGNESIUM METAL RIBBON 1/REEL	\$13.60
1	=====	S25521	SILICON METAL, LUMPS 100G	\$16.50
1	=====	S25636	ZINC METAL MOSSY 500G RG	\$20.00
1	=====	S25644	ZINC, METAL PIECES, 100PCS	\$23.10

Mineral Samples

1	_____	S18515DVD	MINERALS VIDEOLAB VIDEOTAPE	\$249.95
1	=====	S44870	MINERAL EXPLORATION KIT	\$56.25

Force, Motion, and Energy:

Inclined Planes

8	_____	S40902	INCLINED PLANE BOARD W/PULLEY	\$29.25
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Pulleys

1	=====	S94401	PULLEYS IN MOTION CLASS KIT	\$120.00
8	=====	S99351	PULLEY COLLECTION SINGLE	\$2.75
8	=====	S99352	PULLEY COLLECTION DOUBLE	\$3.00
8	=====	S99353	PULLEY COLLECTION TRIPLE	\$3.25
8	=====	S96181	PULLEY SINGLE PLASTIC BB	\$7.60
8	=====	S98035	PULLEY DOUBLE TANDEM PLASTIC BB	\$10.20
8	=====	S98036	PULLEY TRIPLE TANDEM PLASTIC BB	\$11.50

Flashlights/Batteries

8	=====	S65927	VALUE FLASHLIGHT	\$4.00
3	=====	17-926A	BATTERY, SIZE D 6/PK	\$11.32

Earth and Space:

Models of Earth's Layers

8	_____	S78951	CROSS-SECTION EARTH MODEL	\$19.00
1	_____	S469951	LANDFORMS DISCOVERY PACK	\$332.00
1	_____	S65137	TECTONICS MODEL	\$134.95
1	_____	S45061	GEOLOGY MODELS PT I/II 8/PK	\$340.00
8	_____	S53005	CONTOUR MODEL KIT	\$20.00
1	_____	S66033	VOLCANO MODEL, SET OF 10	\$113.25
1	_____	S45064	GEOLOGY DEMONSTRATION SET 1/PK	\$62.95
1	_____	S45159	PHYSICAL GLOBE 12IN/ATLANTIS	\$71.70
1	_____	S45163	GLOBE HYDROGRAPHIC RELIEF	\$209.20

Igneous Rocks

8	_____	S45023A	IGNEOUS ROCK SET 15/PK	\$16.00
1	_____	S45054	ROCK CYCLE CLASS PROJECT	\$245.65
1	_____	S18445DVD	ROCK CYCLE VIDEOLAB VIDEOTAPE	\$249.95

Metamorphic Rocks

8	_____	S45021A	METAMORPHIC ROCK SET 15/PK	\$16.00
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Sedimentary Rocks

8	_____	S45022A	SEDIMENTARY ROCK 15PK	\$16.00
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Models/Photos Sun, planets, Galilean moons, meteors, asteroids, and comets

1	_____	S45166	PLANETARIUM UNIVERSAL ILL	\$204.00
1	_____	S45183	PLANETARIUM TRIPPENSEE HAND	\$434.00
1	_____	S45211	MOON GLOBE	\$56.95
8	_____	S53032A	ASTROLAB KIT/15 EA	\$192.75
8	_____	S45173	STAR FINDER	\$8.30

Organisms and Environments:**Classification Charts: Domains and Kingdoms**

1	=====	S19367	CONCEPTS OF CLASSIFICATION	\$45.00
1	=====	S19368	INTRO/USE OF DICHOTOMOUS KEYS	\$50.00

Implied Tools/Equipment**Periodic Table**

1	=====	S45521	CLASSROOM SIZE PERIODIC CHART	\$211.80
1	=====	S45520	NOTEBOOK PERIODIC TABLE 100/PK	\$19.90

Slides

8	=====	S95934B	PLASTIC SLIDE BOX, 25 SLIDES	\$4.20
8	=====	S99200	SLIDE CROSS-COLORED THREADS, W.M.	\$3.00
8	=====	S99208	SLIDE LETTER "E" W.M.	\$4.00
8	=====	S99210A	GOLGI COMPLEX	\$5.50
8	=====	S99212A	MITOCONDRIA	\$5.15
8	=====	S99467	BACTERIA	\$5.00
8	=====	S10441	MIXED MARINE DIATOMS	\$5.00
8	=====	S17466	MICRO SLIDE 75X25MM PLN 144/PK	\$5.45
8	=====	S175201	MICRO SLIDE 1 CONCAVITY 12/PK	\$7.60
8	=====	S17525B	PLASTIC COVER SLIPS 100/PK	\$3.30
1	=====	S16440	DEMOSLIDE TUBE W/CAPS BX 120PK	\$73.15

Cell Staining Materials

1	=====	S25431	METHYLENE BLUE 1% SOLUTION 100mL	\$5.50
1	=====	S96854	IODINE SOLUTION 500mL	\$8.65

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S90130

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\$7.90