

# STANDARD AP\* ENVIRONMENTAL SCIENCE

## Purchase Guide

from

**FLINN  
SCIENTIFIC**

*"Your Safer Source for Science"*

P.O. Box 219 • Batavia, IL 60510  
(800) 452-1261 • Fax (866) 452-1436

Website: [www.flinnsci.com](http://www.flinnsci.com) • E-mail: [flinn@flinnsci.com](mailto:flinn@flinnsci.com)

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# **FLINN SCIENTIFIC**

## **Standard**

### *AP Environmental Science*

## **2017 Edition**

## **Purchase Guide**

### Easy Ordering Instructions

- 1) **Conduct an inventory of chemicals and apparatus on hand using the “Inventory Status” column.**
- 2) **Decide how much of each supply item you will need for future laboratory work.**
- 3) **Order needed chemicals and apparatus using the “Quantity Ordered” column.**
- 4) **Prices guaranteed until January 31, 2018.**
- 5) **To submit your order:**

**Online: [www.flinnsci.com](http://www.flinnsci.com)**

**Email Order to: [flinn@flinnsci.com](mailto:flinn@flinnsci.com)**

**Fax Order to: 1-866-452-1436**

**Mail Order to: Flinn Scientific, Inc.**

**P.O. Box 219**

**Batavia, IL 60510**

The following list includes all the additional supplies needed for the Flinn AP Environmental Kits. Each kit contains all the consumable items needed to perform each lab to serve 15 groups unless noted otherwise. Any additional equipment required but not included is itemized for each kit.

The Flinn AP Environmental Kits can be purchased as a bundle (listed at the top of the purchase guide) or individually as listed in bold under each sub-heading.

<b>Available from Flinn Scientific</b>						
Product/Item Name	Current Inventory Status	Quantity Recommended	Quantity Ordered	Unit Price	Total Price	Catalog Number
<b>AP Environmental Kit Bundle</b>		<b>1</b>		<b>\$750.00</b>		<b>AP7689</b>
<b>Mapping Earthquakes and Volcanoes</b>		<b>1</b>		<b>\$38.60</b>		<b>AP6881</b>
Pencils, assorted colors, box of 12		15		\$8.50		FB0643
Ruler, metric, 30 cm (2 per student group)		30		\$1.09		AP4685
Scissors, student		15		\$3.65		AP5394
Tape, transparent						<i>Consumer product</i>
<b>Specific Heat &amp; Climate (10 lab groups)</b>		<b>1</b>				<b>FB1883</b>
Balance, 300 x 0.1-g precision		10		\$44.90		OB2138
Infrared Lamp and Reflector		10		\$173.00		AP5372
Metal backed thermometer (four per student group)		40		\$46.60		AP5406
Water, deionized		1		\$2.77		W0007
OR				\$9.40		
Water, distilled		1				W0001
				\$8.65		
<b>Exploring Groundwater (6 groups, 2 station set-ups)</b>		<b>1</b>		<b>\$82.30</b>		<b>AP7357</b>
Balance, 300 x 0.1-g precision		2		\$173.00		OB2138
Beaker, borosilicate glass, 250-mL		2		\$3.40		GP1020
Bucket with lid, 5-gallon		1		\$14.90		SE1057
Cylinder, borosilicate glass, economy choice, 100-mL		2		\$13.00		GP2056
Flask, Erlenmeyer, borosilicate glass, economy choice, 500-mL (2 for each station)		4		\$4.95		GP9145
Funnel, utility, polyethylene		2		\$2.05		AP3200
Cylinder, borosilicate glass, economy choice, 10-mL		2		\$9.00		GP2050
Push pins, 100/pkg, per pkg		1		\$3.90		AP6402
Scissors, student		2		\$3.65		AP5394
Spatula		2		\$9.75		AP8336
Stirring rods, plastic (2 for each station)		12		\$2.56		AP8150
Timers, student, pkg of 12, per pkg		1		\$95.95		AP6396
Tape, transparent ( <i>optional</i> )						<i>Consumer product</i>
Tape, masking		1		\$3.75		AP1734
Bottle, washing, polyethylene, 500-mL		2		\$5.15		AP8109

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Water, deionized, 4L		1		\$9.40		W0007
OR						
Water, distilled, 4L		1		\$8.65		W0001
Water, tap						
Weighing dishes, disposable, small, pkg of 500, per pkg		1		\$23.40		AP1277
<b>Physical &amp; Chemical Properties of Soil</b>						
		<b>1</b>		<b>\$68.75</b>		<b>AP7184</b>
Beaker, borosilicate glass, 250-mL		15		\$3.40		GP1020
Water, deionized, 4L		1		\$9.40		W0007
OR						
Water, distilled, 4L		1		\$8.65		W0001
Cylinder, borosilicate glass, economy choice, 10-mL		15		\$9.00		GP2050
Cylinder, borosilicate glass, economy choice, 25-mL		15		\$10.65		GP2052
Cylinder, borosilicate glass, economy choice, 50-mL		15		\$11.25		GP2054
Marker, permanent		15		\$2.46		AP1297
Newspaper						Consumer product
Ruler, metric, 30 cm		15		\$1.09		AP4685
Soil samples, 10 cm <sup>3</sup> , air dried						Consumer product
Test tube rack, economy choice		15		\$8.80		AP4417
Timers, student, pkg of 12, per pkg		1		\$95.95		AP6396
Water, tap						
<b>Stream Macroinvertebrate Sampling Simulation SVLK (10 lab groups)</b>						
		<b>1</b>		<b>\$41.40</b>		<b>AP7401</b>
Dry erase markers, box of 12, per box		2		\$19.55		AP6285
Scissors, student		10		\$3.65		AP5394
<b>Discover Life in the Soil (10 lab groups)</b>						
		<b>1</b>		<b>\$31.75</b>		<b>FB1991</b>
Beaker, borosilicate glass 100-mL		10		\$3.50		GP1010
Sodium hypochlorite solution, 475 mL		1		\$6.45		S0079
Desk lamp		10		\$25.55		AP7547
Stereoscope, Flinn Standard - 1X, 3X, LED		10		\$361.00		MS1160
Gloves, nitrile, disposable, powder-free, large (or size teacher needs)		1		\$17.75		AP7080
Cylinder, borosilicate glass, economy choice, 10-mL		10		\$9.00		GP2050
Light Bulb, 25-40W		1				Consumer product
Marker, permanent		10		\$2.46		AP1297
Newspaper						Consumer product
Scissors, student		10		\$3.65		AP5394
Soil sample						Consumer product
Trowel, Garden		10		\$8.35		FB0599
Tape, masking		1		\$3.75		AP1734
Bottle, washing, polyethylene, 500-mL		10		\$5.15		AP8109

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<b>Duckweed Population Study</b>		1		\$14.60		<b>FB1433</b>
Needle, teasing, straight		15		\$0.41		AB1028
Cylinder, borosilicate glass, economy choice, 25-mL		15		\$10.65		GP2052
<i>Lemna</i> (Duckweed) culture		3		\$11.60		LM1133
Marker, permanent		15		\$2.46		AP1297
Water, spring					Consumer product	
<b>Landfill Decomposition</b>		1		\$70.90		<b>FB0425</b>
Marker, permanent		15		\$2.46		AP1297
Paper, white					Consumer product	
Processed food, ~50 pieces					Consumer product	
Scissors, student		15		\$3.65		AP5394
Water, tap						
<b>Common Uses of Rocks and Minerals</b>		1		\$92.95		<b>AP7052</b>
Beaker, borosilicate glass 100-mL		16		\$3.50		GP1010
Crack hammer		1		\$45.95		AP5088
Ice cubes					Consumer product	
Paper towels					Consumer product	
Water, tap						
<b>Wind Energy</b>		1		\$43.95		<b>AP7512</b>
Fan, box type (shared)					Consumer product	
Glue gun		15		\$20.65		AP9011
Glue sticks, package of 24, per pkg		3		\$7.85		AP9012
Marker, permanent		15		\$2.46		AP1297
Ruler, metric, 30 cm		15		\$1.09		AP4685
Scissors, student		15		\$3.65		AP5394
Tape, masking		1		\$3.75		AP1734
<b>Build a Solar Cell</b>		1		\$63.85		<b>AP6916</b>
Beaker, 150 mL		4		\$3.35		GP1015
Beral type pipets, thin stem, pkg/20, per pkg		1		\$1.69		AP1718
Cardboard box		4			Consumer product	
Ceramic square, 4"x4", pkg/12, per pkg		1		\$18.20		AP1240
Cotton swabs, pkg/300, per pkg		1		\$6.25		AP1737
Forceps		4		\$2.41		AP8328
Hot Plate, 4" x 4"		4		\$205.00		AP8182
Microscope slides, pkg/72, per pkg		1		\$10.35		ML1381
Mortar and pestle, 65 mL		1		\$8.45		AP6066

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Multimeter		1		\$64.95		AP9000
Overhead projector		1			Consumer product	
Petri Dish, borosilicate glass, 100 x 15 mm, pkg/6, per pkg		1		\$43.00		GP3019
Spatula		4		\$9.75		AP8336
Stirring rod		4		\$0.43		GP5075
Transparent tape		1			Consumer product	
Water, deionized, 4L		1		\$9.40		W0007
OR						
Water, distilled, 4L		1		\$8.65		W0001
<b>Environmental Pollution</b>						
		1		\$79.35		AB1133
Pen or pencil					Consumer product	
Ruler, metric, 30 cm		15		\$1.09		AP4685
Water samples						
<b>Environmental Pollution and Lichens</b>						
		1				AP6461
Scissors, student		15		\$67.15		AP5394
Stirring rods, plastic		30		\$3.65		AP8150
Test tube rack, economy choice		15		\$2.56		AP4417
Water, deionized, 4L		1		\$8.80		W0007
OR				\$9.40		
Water, distilled, 4L		1				W0001
				\$8.65		
<b>Greenhouse Effect and Global Warming</b>						
		1				AP7324
Gloves, cotton and canvas		1				SE1031
Infrared Lamp and Reflector		15		\$67.75		AP5372
Marker, permanent		15		\$11.15		AP1297
Ruler, metric, 30 cm		15		\$46.60		AP4685
Scissors, student		15		\$2.46		AP5394
Support stand, Economy choice		15		\$1.09		AP4550
Tape, masking		1		\$3.65		AP1734
Tape, transparent				\$12.15	Consumer product	
Water, tap				\$3.75		

**Grand Total**

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