

Books

Textbook
 Teacher's Guide
 Lab Workbook

Lab Equipment

Item	QTY	Blue (Biology) Labs	Rainbow (Applications) Labs	Kit	Note
Bug Net	1	19		Durable	Packaged Separately - Not in Durable Shell
Field Microscope	1	1, 3, 6, 7, 9, 12, 15, 16	4	Durable	
Disposable Beaker w/ Lid	1	2		Durable	
Fluorescent "Grow" Light	1	2, 3		Durable	
Culture Bottle (160ml)	1	3		Durable	
Glass Microscope Slide	4	4, 5, 6, 7		Durable	
Glass Cover Slip	3	4, 5, 6		Durable	
Dissecting Kit	1	9, 12		Durable	
Forceps	1	6	4	Durable	Dissecting Kit
Plant Flash Card Set	1	10		Durable	
Disposable Beakers	7	12, 20	4, 5	Durable	
Animal Flash Card Set	1	14		Durable	
Plastic Jar w/ Lid - Large	1	19		Durable	
Plastic Jar w/ Lid - Small	1	19		Durable	
Garden Spade	1	19		Durable	
Syringe (20ml)	1	20	8	Durable	
Emery Cloth	1		2	Durable	
Clear Cups (16oz)	8		3	Durable	
Conical Tube	1		3	Durable	
String	1		7	Durable	
Tubing Connector	1		8	Durable	
French Square Bottle	1		8	Durable	
Rubber Stopper	1		8	Durable	
Brown Kraft Paper	1	6		Renewable	Cardboard Protector
Wax Paper	2	7		Renewable	Cardboard Protector
Piece of Cardboard	1	9, 12	7	Renewable	Cardboard Protector
Paper Towels	5+	9	2, 3	Renewable	Cardboard Protector
Filter Paper Sheets	2		3, 4	Renewable	Cardboard Protector
Graph Paper Sheet	1		6	Renewable	Cardboard Protector
Red Plastic Wrap	1		9	Renewable	Cardboard Protector
R2A Agar Plates	2	1, 3		Renewable	Packaged Separately - Not in Renewable Box
Masking Tape	1	3, 4, 6, 19, 20	1, 3, 5, 7	Renewable	Packaged Separately - Not in Renewable Box
Preserved Flower	1	9		Renewable	Packaged Separately - Not in Renewable Box
Worm	1	12		Renewable	Packaged Separately - Not in Renewable Box
Kraft Paper - Large	1	19		Renewable	Packaged Separately - Not in Renewable Box
Popsicle Sticks	2		2	Renewable	Small Parts Bag
Penny	1		2	Renewable	Small Parts Bag
Water Hardness Test Strips	2		5	Renewable	Small Parts Bag
pH Paper	1		5	Renewable	Small Parts Bag
pH Color Chart	1		5	Renewable	Small Parts Bag
Rubber Bands - Small	2		7	Renewable	Small Parts Bag
Rubber Band - Large	1		9	Renewable	Small Parts Bag
Vial of Culture Medium	1	2		Renewable	Vial Box
Vials of Algal Medium	3	3		Renewable	Vial Box
Vial of Yeast	1	5		Renewable	Vial Box
Vial of Petroleum Jelly	1	6		Renewable	Vial Box
Vial of Red Dye	1	7		Renewable	Vial Box
Empty Glass Vials	4	15, 16, 19		Renewable	Vial Box
Vials of Brine Shrimp	5	20		Renewable	Vial Box
Vial of Sodium Chloride (8g)	1	20		Renewable	Vial Box
Vials of BH Broth	7		1	Renewable	Vial Box
Vial of Topsoil and BH Broth	1		1	Renewable	Vial Box
Vial of Bleach	1		1	Renewable	Vial Box
Vial of Lubricating Oil	1		1	Renewable	Vial Box
Vial of Portland Cement	1		1	Renewable	Vial Box
Vial of Plaster of Paris	1		1	Renewable	Vial Box
Vial of Silica Sand	1		3	Renewable	Vial Box
Vial of Sodium Chloride (15g)	1		3	Renewable	Vial Box
Vial of Magnesium Sulfate	1		4	Renewable	Vial Box
Vial of Acetic Acid	1		5	Renewable	Vial Box
Sterile Cotton Swab	2	1, 3		Renewable	
Battery(ies) for Microscope	1+	1		Renewable	
Permanent Marker	1	1, 3, 19, 20	1, 3	Renewable	
Bag of Hay	1	2		Renewable	
Empty Petri Dish	1	5		Renewable	
Dried Bread Piece	1	5		Renewable	
Bag of Corn and Sunflower Seeds	1	6		Renewable	
Peat Pots	2	6		Renewable	

Bag of Potting Soil	1	6		Renewable	
Cotton Swab	1	6		Renewable	
Toothpick	1	7		Renewable	
Nitrile Gloves (Pair) - 2 Size Options	2	9, 12		Renewable	
Pencil	1	13, 15, 16, 17, 18	3, 6, 7	Renewable	
Piece of Chalk - Large	1		2	Renewable	
Bags of Sodium Chloride	3		3	Renewable	
Plastic Dish or Half Petri Plate	1		4	Renewable	
Piece of Chalk - Small	1		5	Renewable	
Colored Pencil	1		6	Renewable	
Stick Incense	1		6	Renewable	
Box of Wooden Matches	1		6, 8	Renewable	
Piece of Gauze	1		7	Renewable	
Safety Glasses	1	1, 2, 3, 4, 5, 6, 7, 9, 12, 15, 16, 20	1, 2, 3, 4, 5, 6, 7, 8		Year 1 Durable Item
Medicine Dropper	1	2, 3, 5, 12, 15, 16	1, 5, 8		Year 1 Durable Item
Graduated Cylinder	1	5, 6, 20	1, 3, 5		Year 1 Durable Item
Glass Stir Rod	1	7, 20	4, 5		Year 1 Durable Item
Tape Measure	1	19	6		Year 1 Durable Item
Glass Beaker	1	20	4, 6, 7, 8		Year 1 Durable Item
Iron or Steel Rod	1		2		Year 1 Durable Item
Paraffin Wax Block	1		2		Year 1 Durable Item
Syringe (5ml)	1		2		Year 1 Durable Item
Ruler	1		3		Year 1 Durable Item
Funnel	1		3, 4		Year 1 Durable Item
Compass	1		6, 9		Year 1 Durable Item
Thermometer	1		6, 7		Year 1 Durable Item
Flashlight	1		8, 9		Year 1 Durable Item
Vinyl Tubing	1		8		Year 1 Durable Item
Drinking Water		1			Your Own
Drinking Glass	1	1			Your Own
Saucer	1	1			Your Own
Distilled Water	1	2, 3, 5, 6, 12, 20	1, 2, 3, 5, 7, 8		Your Own
Dust		5			Your Own
Tall Weeds		19			Your Own
Field that You Can Dig In		19			Your Own
Spring or Summer Day		19			Your Own
Shrill Assistant			6		Your Own
House			6		Your Own
Dark Room			8		Your Own
Clear Night for Seeing Stars			9		Your Own
Insect Repellent (Recommended)			9		Your Own
Friends/Family Members (Recommended)			9		Your Own
Blanket (Recommended)			9		Your Own