

PURCHASING INFORMATION

Where to obtain supplies that are hard-to-find, or items that need to be special ordered

Origin

Please note that our inclusion of the following retailers does not constitute an endorsement. Retailers are provided for reference purposes only. Note that prices may have changed (these prices represent those provided early 2004).

Lesson/Activity – 2.1 Methylene Blue (Note: you will also need Methylene Blue for activity 2.3)

Suppliers	Details	Comments
WARD'S Natural Science PO Box 92912 Rochester, NY 14692-9012 800-962-2660 www.wardsci.com	Product page: http://wardsci.com/product.asp?pn=9515404	Methylene Blue comes in a variety of amounts and concentrations ranging from \$4.95 – \$13.40. The smallest amount should be more than sufficient for one class. Do not get Loeffler's Solution.
Carolina Biological Supply Co. 2700 York Road Burlington, NC 27215-3398 800-334-5551 Fax: 800-222-7112 www.carolina.com	Search the Carolina catalog: https://www3.carolina.com/onlincatalog/ Catalog # WW-87-5911	25 mL of Methylene Blue for \$8.25 Methylene Blue comes in other forms and amounts, see also: https://www3.carolina.com/onlincatalog/Templates/Default/mainscreen2frame.asp?workspace=home&button=home

Lesson/Activity 2.1 – elodea, or other thin-leafed aquarium plant

Suppliers	Details	Comments
<p>WARD'S Natural Science PO Box 92912 Rochester, NY 14692-9012 800-962-2660</p> <p>www.wardsci.com</p>	<p>Product page: http://wardsci.com/product.asp?pn=867500</p> <p>Item number: 86 V 7500</p> <p>If Elodea is restricted in your state (SC, WA, or ME), the Amazon Sword Plant works well –</p> <p>Product page: http://wardsci.com/product.asp?pn=867510</p> <p>Item number: 86 V 7510</p>	<p>86 V 7500 is Elodea, Pkg. of 12 plants is \$5.45</p> <p>86 V 7510 is one Amazon Sword Plant, \$5.25</p> <p>Both plants should be returned to an aquarium or disposed of in the trash.</p>
<p>Carolina Biological Supply Co. 2700 York Road Burlington, NC 27215-3398 800-334-5551 Fax: 800-222-7112</p> <p>www.carolina.com</p>	<p>Search the Carolina catalog: https://www3.carolina.com/onlinenecatalog/</p> <p>Catalog #: WW-16-2101</p> <p>Note: If <i>Elodea densa</i> is restricted in your state (SC, WA, or ME), Carolina will ship <i>Elodea canadensis</i> instead. (<i>canadensis</i> is smaller than <i>densa</i>.)</p>	<p>Pack of 12 <i>Elodea densa</i> for \$5.30</p>
<p>The best place to get Elodea, or other thin-leafed aquarium plants, is at a pet store which stocks fish and aquarium supplies. Since only a small plant is called for, a student or colleague with a freshwater aquarium could probably supply a sprig of an appropriate aquatic plant.</p>		

Lesson/Activity 2.2 - biuret solution

Suppliers	Details	Comments
WARD'S Natural Science PO Box 92912 Rochester, NY 14692-9012 800-962-2660 www.wardsci.com	Product Page: http://wardsci.com/product.asp?pn=9701204 item #: 970 V 1204	Biuret solution comes in several amounts, item number 970 V 1204 (100Ml for \$3.90) is more than sufficient for one class.
Carolina Biological Supply Co. 2700 York Road Burlington, NC 27215-3398 800-334-5551 Fax: 800-222-7112 www.carolina.com	Search the Carolina catalog: https://www3.carolina.com/onlinenecatalog/ Catalog # WW-84-8211	120 mL of Biuret solution for \$6.75

Lesson/Activity 2.2 - iodine

Suppliers	Details	Comments
WARD'S Natural Science PO Box 92912 Rochester, NY 14692-9012 800-962-2660 www.wardsci.com	Product Page: http://wardsci.com/product.asp?pn=9704202	Iodine comes in a variety of amounts, ranging from \$5.10 to \$42.00.
Carolina Biological Supply Co. 2700 York Road Burlington, NC 27215-3398 800-334-5551 Fax: 800-222-7112 www.carolina.com	Search the Carolina catalog: https://www3.carolina.com/onlinenecatalog/ Catalog #:WW-86-5863	100 mL of Iodine for \$4.95

Lesson/Activity 4.3 - Winogradsky columns

Suppliers	Details	Comments
WARD'S Natural Science PO Box 92912 Rochester, NY 14692-9012 800-962-2660 www.wardsci.com	Winogradsky Column kit: product page: http://wardsci.com/product.asp?pn=366072 Item #: 36 V 6072	Item #: 36 V 6072 is a kit for one column, \$8.95.
Carolina Biological Supply Co. 2700 York Road Burlington, NC 27215-3398 800-334-5551 Fax: 800-222-7112 www.carolina.com	Search the Carolina catalog: https://www3.carolina.com/onlinenecatalog/ Catalog #: WW-70-3490	This is a Winogradsky Column kit: "The apparatus can be reused. Includes plastic column, solid rubber stopper, calcium carbonate, calcium sulfate, and teacher instructions." Each kit \$8.95

Lesson/Activity 5.3 - Chlorella, Chlamydomonas, Gonium, Volvox, and Dictyostelium

Suppliers	Details	Comments
<p>WARD'S Natural Science PO Box 92912 Rochester, NY 14692-9012 800-962-2660</p> <p>www.wardsci.com</p>	<p>Chlorella, product page: http://wardsci.com/product.asp?pn=860120 item number: 6 V 0120</p> <p>Chlamydomonas, product page: http://wardsci.com/product.asp?pn=860106 item number: 86 V 0106</p> <p>Gonium (8 to 16 cells), product page: http://wardsci.com/product.asp?pn=860185 item number: 86 V 0185</p> <p>Volvox, product page: http://wardsci.com/product.asp?pn=860805 item number: 86 V 0805</p> <p>Dictyostelium, product page: http://wardsci.com/product.asp?pn=854200 item number: 85 V 4200</p>	<p>item number: 6 V 0120 is a Chlorella Culture for 35 Students, \$4.99</p> <p>Chlamydomonas comes in a variety of forms. item number: 86 V 0106 is a Chlamydomonas moewusii, Wild Type (+) Culture for 35 Students, \$4.99.</p> <p>Gonium comes in several amounts. Item number: 86 V 0185 is a Gonium Culture for 35 Students, \$4.99.</p> <p>Dictyostelium comes in several forms. Item number: 85 V 4200 is a Dictyostelium discoideum, Tube Culture for \$7.40</p>
<p>Carolina Biological Supply Co. 2700 York Road Burlington, NC 27215-3398 800-334-5551 Fax: 800-222-7112</p> <p>www.carolina.com</p>	<p>Search the Carolina catalog: https://www3.carolina.com/onlinenecatalog/</p> <p>Chlorella, catalog #: WW-15-2069</p> <p>Chlamydomonas, catalog #: WW-15-2030</p> <p>Gonium, catalog #: WW-15-2264</p> <p>Volvox, catalog #: WW-29-6620</p>	<p>Chlorella is provided in many forms – other subspecies and prepared slides. WW-15-2069 is \$4.95 Per culture, 3+ Cultures Each \$4.70</p> <p>Chlamydomonas is provided in many forms – other subspecies and prepared slides. WW-15-2030 is \$4.95 Per culture, 3+ Cultures Each \$4.70</p> <p>Gonium is provided in many forms – other subspecies and prepared slides. WW-15-2030 is</p>

	<p>Dictyostelium, catalog #: WW-15-5995</p>	<p>\$4.95 Per culture, 3+ Cultures Each \$4.70</p> <p>Volvox is provided in many forms – other subspecies and prepared slides. WW-29-6620 is \$3.25 Each, 12+ Each \$3.10</p> <p>Dictyostelium \$7.40 Per tube, 3+ Each \$7.15</p> <p>For a kit to culture your own Dictyostelium, see catalog #: WW-15-5824, a \$43.00 kit</p>
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Lesson/Activity 5.4 - onion root tip and whitefish blastula cells

Suppliers	Details	Comments
WARD'S Natural Science PO Box 92912 Rochester, NY 14692-9012 800-962-2660 www.wardsci.com	http://wardsci.com/product.asp?pn=951504 item number: 95 V 1504	Item number: 95 V 1504 is a set of 3 Slides, Contents: Plant (Onion) Mitosis (sect) • Animal (Whitefish Blastodisc) Mitosis (sect) • Animal (Ascaris) Mitosis (ls).
Carolina Biological Supply Co. 2700 York Road Burlington, NC 27215-3398 800-334-5551 Fax: 800-222-7112 www.carolina.com	Search the Carolina catalog: https://www3.carolina.com/onlinenecatalog/ Catalog #: WW-30-2462	WW-30-2462 is Fish and Onion Mitosis, sec. Blastodisc of fish and onion root tip mounted separately on same slide; for comparative study of animal and plant mitosis. \$16.25 each.