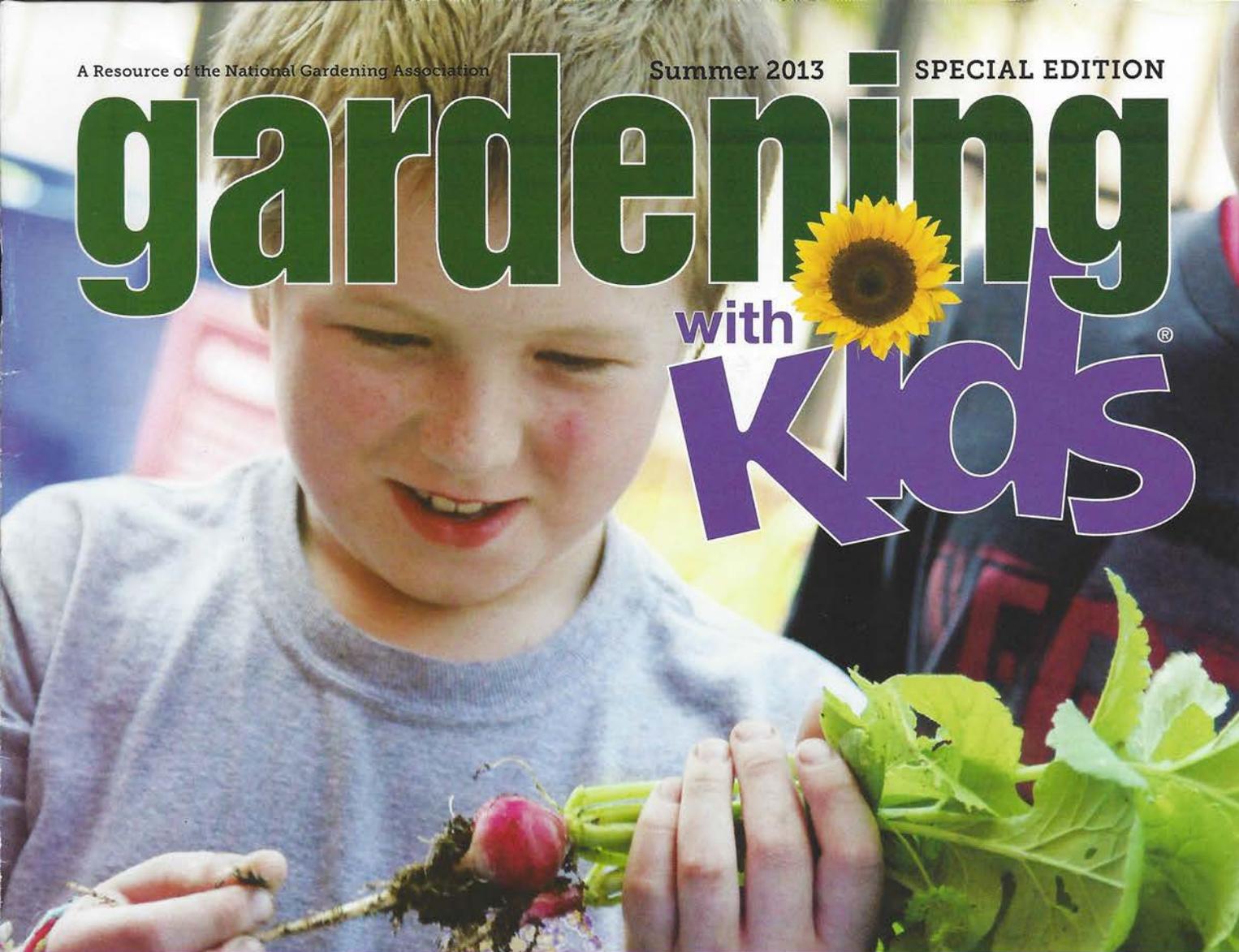


gardening

with

Kids®



ENGAGING Products for Your YEAR-ROUND

Garden Program

Find over 60 new teaching tools in this catalog & online at GardeningWithKids.org!

Supporting Nonprofit Garden-Based Education Programs Nationwide

Learn how our educational Garden Grant programs are helping schools engage youth across the country and how your purchases help good things grow. **Look inside the front cover.**



FREE organic plant food samples with every order!

Composting pp. 32-33

Outdoor Classrooms
pp. 2-7 & 36-38



OUR MISSION

To empower every generation to lead healthier lives, build stronger communities and encourage environmental stewardship through educational gardening programs.

Special thanks to Espoma, Inc., for generously donating organic seed-starting mix and fertilizer for distribution to educators and school garden programs.

ONE-ON-ONE

Teen Mentors and 3rd Graders Flourish in Louisiana Literacy Garden

In Downsville, Louisiana, third grade teacher Donna Alford had a bounty of science-focused books, but no time to dig into them with students. Meanwhile, at the high school next door, teens had worked with community volunteers to bring a greenhouse and garden to life. English and biology teacher Keli Bryan imagined some fertile connections: Create a service learning project in which tenth graders serve as mentors to the third grade reading class by using gardening literature and curricula. With matching funds from a Learn and Serve grant, a “literacy garden” project was born. The \$5,000 grant covered the costs of new garden beds, homemade reading benches, and an innovative publishing project. The real value was in what emerged from the partnerships. High school students worked in 45 minute sessions with their partners exploring literacy, often discussing texts and reading aloud. At year’s end, the group held a publishing celebration and invited parents to attend. Third grade students acted out “The Life of a Butterfly and Her Friends” and mentors presented a copy of the text to partners.

The tenth grade mentors grew academically, personally, and socially through the project. “For a lot of them, it was the relationship – making a new friend and being a big buddy,” says Keli. It also revived their curiosity in the garden.” The third graders’ excitement was infectious even for the 10th grade students. Besides the sheer excitement of working and exploring in a garden, the youngsters relished having teaching buddies who were just a bit older than them. “The one-on-one attention and extra reading practice is so important,” says Keli. And the tenth graders noticed the improvement in their partners’ literacy skills.

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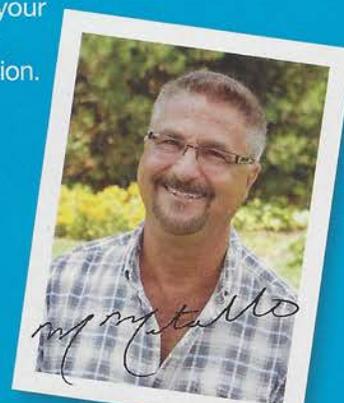
The resources offered in this catalog and online at GardeningWithKids.org have been selected for their ability to help students apply what they learn to their daily lives. For 40 years, the National Gardening Association (NGA) has worked with teachers like you to cultivate the next generation of life long learners.

At the KidsGardening.org Garden Registry, school and community groups network with others across the country, share experiences, and benefit from diverse perspectives. NGA’s registry also serves as a hub for potential donors to understand the needs of communities and, along with our grants, provides resources for sustainable programs.

All proceeds from GardeningWithKids.org support nonprofit education programs and grants nationwide, securing our place as the leader in plant-based education. I thank you for your continued support and for helping us to enliven education.

Happy gardening!

Mike Metallo
President & CEO
National Gardening
Association





OUTDOOR CLASSROOMS

This Small Wheelbarrow Is Made for Tough Jobs

Perfectly sized for the smallest gardeners, this adult-quality wheelbarrow encourages children to participate in all your outdoor projects. The lightweight poly tray is tough enough to withstand years of use. A molded rubber wheel lets kids maneuver full loads easily over bumpy ground. Weather-resistant lacquered hardwood handles are sized right for small grips. This bright red wheelbarrow was a hit in our test gardens! Ideal for children ages 3 and up.

13-1180 Little Gardener's Wheelbarrow \$44.95

It all began in the garden showing us how we could come together and accomplish great things that instigated and gave meaning to classroom topics. It wet our appetites for more, and just like any garden, we kept on growing.

Harold Martin School,
Hopkinton, NH

Shop Online at GardeningWithKids.org



Garden Plaque with a Personal Touch

Made from hand-painted, recycled cast aluminum, our custom Chickadee Plaque personalizes your garden in a special way. The plaque holds 32, 1-1/8"-high characters and spaces on two lines (16 characters per line). Please indicate your plaque's personalized lettering on the order form. Includes two 18" aluminum garden stakes and hardware. Measures 15-3/4" x 10"h.

13-1005 Chickadee Plaque \$69.95

Waterproof Mudd Gloves

A gardener's favorite sized for kids! The palm side of this cotton glove is dipped in flexible green rubber; the back is pure cotton for comfort and breathability. These gloves stretch to fit like a second skin, giving young gardeners dexterity and protection. Durable and washable. Elastic at wrists. One size fits ages 4-12.

13-6701 Mudd Gloves \$7.95

SAVE! 3 or more pairs, \$6.95 ea



Make Cleanup Fun & Easy

Our kid-friendly Wagon Barrow has the easy maneuverability of a wagon and dumps just like a standard wheelbarrow! Kids can confidently push or pull their Wagon Barrow using the hinged foam-grip handle, and heavy-duty steerable casters with never-flat wheels roll steadily over uneven ground. Our premium Wagon Barrow is constructed with a strong steel frame and polypropylene bin. Hangs or stores up-right. 41" x 21" x 10"h.

13-1052 Wagon Barrow \$129.95



Outdoor Bulletin Board

Hang our fully weatherproof Bulletin Board by your garden entrance or meeting space and discover just how easy schoolwide communication can be! A top-quality cork board is housed in an anodized aluminum frame. Just post messages, then lock the hinged, shatter-resistant acrylic door to protect your notes from the elements. This durable unit has an aluminum backing with silicone sealant for outstanding weather resistance and will provide years of use. The board has a vertical orientation and comes in two sizes. The small board (pictured) has a single door and measures 24" x 36" x 2"d; the large board has double front doors and measures 48" x 36" x 2"d.

13-1061 Small Outdoor Bulletin Board \$359.99

13-1062 Large Outdoor Bulletin Board \$499.99

Tackle Big Jobs with Kid Gloves

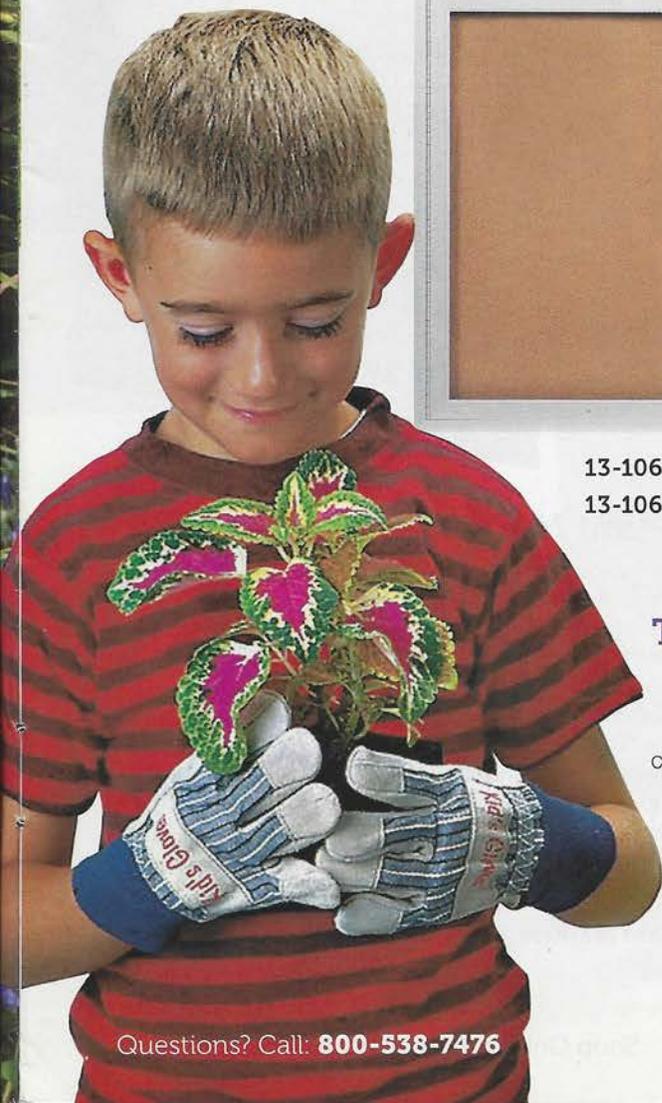
Our pint-sized version of the classic adult work glove keeps young hands protected. An excellent defense against thorns, blisters, and cuts, these rugged gloves are made from thick, reinforced cotton duck with a knit cuff to keep dirt out. Three sizes: small (ages 3-5), medium (ages 6-8), large (ages 9-11).

Kids' Work Gloves \$7.95

13-6703 Small

13-6706 Medium

13-6709 Large



OUTDOOR CLASSROOMS

Questions? Call: **800-538-7476**



OUTDOOR CLASSROOMS



BEST SELLER



Picnic table, as shown, using two benches.

Deluxe Convertible Garden Bench

Lasts for Years! Our easy-care Convertible Garden Bench transforms to meet your outdoor classroom needs. Enjoy it as a standard garden bench, flip the back to create a bench-and-desk setup for student journaling, or turn two benches into one picnic table. Made from heavy-duty white vinyl, this bench does not splinter and contains none of the harmful preservatives found in many wood products. It is termite- and rot-proof, and will look like new for years. Maintenance crews at your school or community garden will love it! 59" x 32"h.



13-1422 Convertible Garden Bench \$149.99

Shipping Surcharge +\$10.00

Learning is powerful outdoors!

See more outdoor classroom products on page 38 & at: GardeningWithKids.org/Schoolyard



SofTouch® Hand Tools

Soft grips on hand tools reduce hand strain for gardeners. These durable, one-piece tools are made from high-strength, cast aluminum alloy and will not rust, bend, or break. Their beveled edges slice cleanly into the soil. Both tools have 3" wide heads and are 12" long overall. Handles have a hanging hole for convenient storage.

13-1110 SofTouch® Trowel \$7.95

13-1120 SofTouch® Cultivator \$7.95

13-1200 SAVE! Both Hand Tools \$14.95

Metal Plant Markers

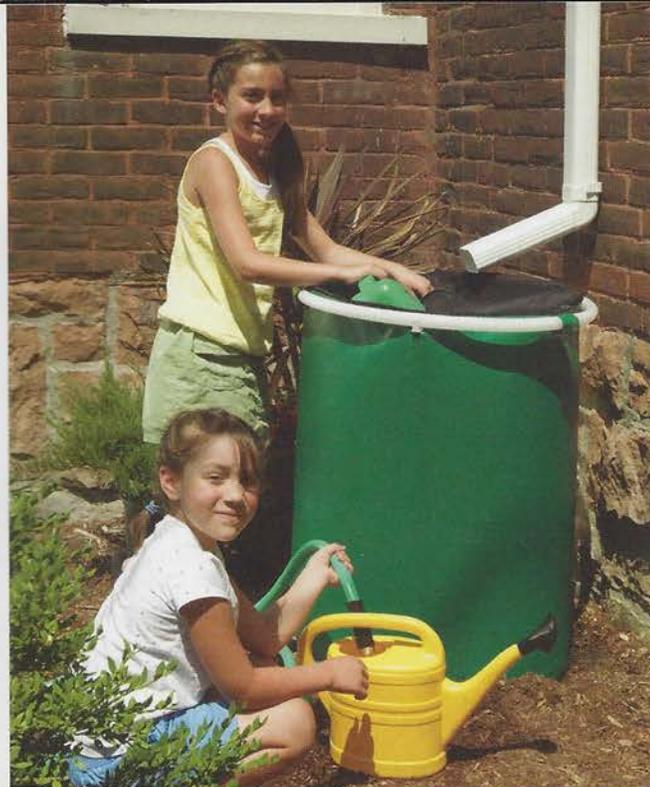
Add a distinctive touch to your garden with our zinc-coated Metal Plant Markers. We include a carbon pencil that reacts with the zinc, etching your plant's name and any other horticultural information permanently into the metal. The markers are rust-proof and weatherproof, and will not fade. Great for helping kids learn plant names! Heads are mounted on 11"-long legs and measure 1-1/4" x 3-1/2"w.

13-1038 Plant Markers, set of 20 \$15.95

Shop Online at GardeningWithKids.org



OUTDOOR CLASSROOMS



Jumbo Pop-Up Rainbarrel

This lightweight Pop-Up Rainbarrel holds a hefty 75 gal, and the mesh top makes it easy to collect rainwater from almost anywhere. Constructed of puncture-resistant laminated polyester, the collapsible barrel includes a preinstalled nozzle and cap at the base. Designed to keep out debris, the top easily zips open for water collection—then when no longer needed, the entire barrel packs flat in just a few seconds. 32" diameter, 34" high.

13-1103 Pop-Up Rainbarrel \$129.95

Make-Your-Own Bench

This unique do-it-yourself bench is an economical solution for school gardens. The kit includes two structural supports made from nearly indestructible polypropylene that won't rot, rust, or split — ever! — plus zinc-plated hardware (for rust protection) and clearly written assembly instructions. You provide the nine 2 x 4s necessary for assembly. Within just a couple of hours, you can create a very sturdy bench up to 7' long, or convert it into a bench and table for garden or outdoor classroom projects. Purchase two kits and create two benches or one full-sized picnic table. Great project for school, community, or home gardens.

13-1424 Make-Your-Own Bench \$89.95

SAVE! 2 or more, \$84.95 ea



Outdoor Classroom Seating—with Something Extra

Add a spectacular and functional accent to your children's garden with our lovely Cedar Bench with Planters. Cedar is durable and it's naturally resistant to decay and insect and weather damage — without chemical preservatives! Available in straight or corner configurations, these North American-made planters provide 7 sq ft of planting area, deep enough for most vegetables. Plank seat is 44" x 15-1/2" x 3-1/2". Planter boxes are 21" x 21" x 19", total length of bench with two planters is 79".

13-2255 Cedar Bench with Planters \$499.95

13-2245 Cedar Corner Bench with Planters \$769.95

Questions? Call: 800-538-7476





NEW



Pocket Planter Vertical Gardening Kit

The vertical pocket planter is an easy way to begin a gardening program at your school. Take it home over vacation breaks or pack it away—then with a little bit of soil and some seeds—start gardening again the next year! Each kit includes a rugged 16-pocket hanging planter, two bags Espoma organic soil, and plant markers. Activity guide features information about how to use your vertical planter and standards-based lessons. Choose from: Grade levels K-2 (Sensational Senses: Students engage their senses by growing and harvesting herb plants), 3-5 (Pollinator Preferences: Students learn about symbiotic relationships and habitat needs as they build their own pollinator observation station), 6-8 (Nutrients Up Close: Students compare the effect of different types of fertilizer on their plants), or 9-12 (Vertical Farming: Students discover the possible benefits and environmental impacts of growing in vertical spaces), or choose all four teacher guides.

Pocket Planter Vertical Gardening Kit \$59.95

- 13-3250 Grades K-2
- 13-3350 Grades 3-5
- 13-3450 Grades 6-8
- 13-3550 Grades 9-12

13-3600 Pocket Planter Vertical Gardening Kit, K-12 (All 4 Teacher Guides) \$69.95

The Garden Tool You Can't Do Without!

Tubtrugs are the original carryalls that are great for carrying, mixing, washing, pouring, scooping, storing—the list of uses is endless. Tubtrugs are much easier to handle than ordinary buckets. Strong molded handles and bendable construction let you carry Tubtrugs one-handed, like a tote. Made from 100% recycled polyethylene, these lightweight tubs are crushable, washable, and practically indestructible. We love these tubs and guarantee you will, too! Small is 9" tall and holds 3-1/2 gal; medium is 12" tall and holds 6 gal; large is 13" tall and holds 10 gal. Each size is available in red, blue, and yellow.

Small Tubtrug \$12.95

- 13-8510 Blue
- 13-8511 Red
- 13-8512 Yellow

Medium Tubtrug \$14.95

- 13-8520 Blue
- 13-8521 Red
- 13-8522 Yellow

Large Tubtrug \$16.95

- 13-8530 Blue
- 13-8531 Red
- 13-8532 Yellow



Be Waterwise & Pennywise

Most full watering cans are too heavy for kids, but ours is designed especially for enthusiastic young gardeners. The sturdy plastic can is well balanced and holds slightly more than one gal of water. The black rosette twists off easily for a stream (rather than a sprinkle) of water.

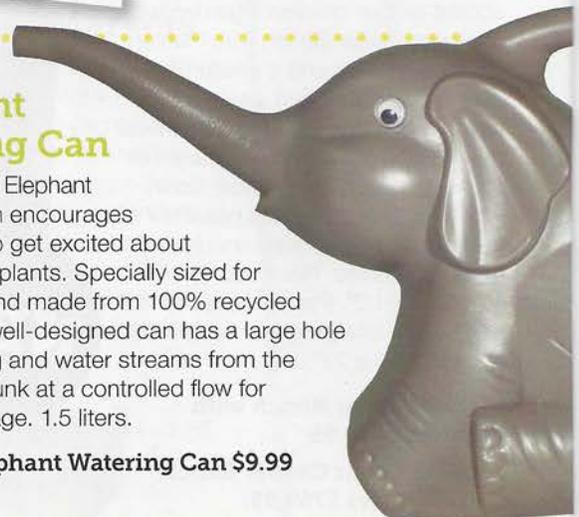


13-1207 Kids' Watering Can \$9.95

Elephant Watering Can

Our engaging Elephant Watering Can encourages youngsters to get excited about tending their plants. Specially sized for little hands and made from 100% recycled plastic, this well-designed can has a large hole for easy filling and water streams from the elephant's trunk at a controlled flow for minimal spillage. 1.5 liters.

13-8125 Elephant Watering Can \$9.99



Shop Online at GardeningWithKids.org

NEW

Aardvark Hose & Reel

The Aardvark Hose and Reel is an easy, lightweight watering solution that combines the control of a watering can with the convenience of a retractable garden hose. Simply hook the 40' hose to any convenient spigot – or even to another hose – and the Aardvark Hose automatically extends as you walk and water. A turn knob locks the hose to any length and the nozzle twists to adjust from a steady stream to a gentle spray. Reel case features a comfortable nonslip grip handle and an easy on/off flow control with trigger lock. Measures 13" x 4 1/2" x 13" h with an 8" spout.

13-1181 Aardvark Hose & Reel \$34.95



OUTDOOR CLASSROOMS

“We’ve learned that hands-on activities really make a difference! They involve reticent children and allow those who don’t usually star in the classroom to shine.”

Sebago Kids Growing Gardens:
Sebago Elementary School, Sebago, ME

Questions? Call: **800-538-7476**



Accessible Raised Container Gardens

Our Raised Container Gardens let kids work comfortably while standing, and are accessible on all sides by groups of students and wheelchair gardeners. Made from attractive insect- and weather-resistant cedar, the 8" deep bins are ideal for most plants. The bottoms have cedar slats and a unique liner that permits excess water to drain, but holds soil in place. The gardens are 37-1/2" sq; choose from three heights: low (15"h), medium (24-1/2"h), and our best-selling tall garden (35-1/2"h). Holes are predrilled and screws are included. These attractive planters are great for school garden programs and will last for many years.

13-1302 Raised Container Garden, low \$199.95

13-1303 Raised Container Garden, medium \$219.95

13-1304 Raised Container Garden, tall \$239.95

No Weeding, No Digging, No Guessing

Easier watering and larger planting area beats the competition, hands down! Our Self-Watering Grow Box comes complete with premium fertilizer, EZ watering spout with visible water level, and decorative burlap cover that prevents weeds. Patented design even collects pure rainwater! It's impossible to over water and the nutrient patch releases a steady supply of fertilizer to ensure excellent growth. Includes simple instructions and planting guide. Holds 32 qt potting mix and 4 gal water. 28" x 14" x 12"h. Stakes are almost 5' high and can be added before or after plants are started.

13-6221 Self-Watering Grow Box \$39.95

13-6250 Self-Watering Grow Box with Staking Kit \$59.95



Skyscraper Vertical Garden

Vertical gardening is popular for lots of reasons — because it maximizes your harvest, makes the most of limited space, doesn't require lots of bending, and keeps your veggies away from pests and rot. This easy-to-assemble kit lets you grow vertically vining plants either against a wall, or as a free-standing unit using your own posts. Takes up just 4 sq ft of growing space but produces more vegetation than a 24 sq ft plot! Perfect for tomatoes, pole beans, cucumbers, or any other vining plants. Made from western red cedar with heavy-duty white mesh; features zinc-plated hardware, steel rod, and three garden stakes. 6' x 4'. (Planter box shown in picture is not included.)

13-4120 Skyscraper Vertical Garden \$44.99



See our full line of raised beds & containers online!
GardeningWithKids.org/Planters



NEW

Nothing Beats a Cedar Raised Bed

Cedar is an excellent material for raised beds because it's extremely durable and is naturally resistant to decay and insect and weather damage — without chemical preservatives! Our Cedar Raised Beds assemble easily without tools and are available in two sizes, 4' x 4' and 4' x 6'. Measures 8-1/2" above ground height.

**13-2240 Cedar Raised Bed,
4' x 4' \$169.95**

**13-2260 Cedar Raised Bed,
4' x 6' \$199.95**

RAISED BEDS & CONTAINER GARDENING

Dazzling Garden Centerpiece

Our spectacular butterfly-shaped raised bed makes a stunning focal point for any school garden. Made from 100% recycled composite lumber, the multilevel design utilizes a unique stacking joint and curved lumber system that's easy to assemble. This remarkable lumber won't rot or splinter and contains no potentially dangerous chemicals, ideal for use in children's gardens! Overall footprint is 10' x 10' and depth ranges to 18". Solar lights shown in picture are not included.

13-1450 Butterfly Raised Bed \$389.95

Questions? Call: **800-538-7476**



RAISED BEDS & CONTAINER GARDENING



Get a Jump on Spring Planting!

Give your plants a faster start and longer growing cycle with our season-extending Lifetime Double Raised Bed with Cover. HDPE interlocking panels will not split, crack, or rot and assemble easily without tools. Create two separate 4' x 4' raised beds, or stack two beds together to make one extra deep raised bed. Kit includes eight 9" x 48" panels and one vinyl cover. Also available as a single 4' x 4' bed without cover.

13-1455 Lifetime Double Raised Bed with Cover \$189.95

13-1433 Lifetime Single Raised Bed \$89.95

Grow a "Pocket" Full of Posies

Creating a living wall is as easy as pie using Woolly Pockets. Made from 100% recycled plastic water bottles, each Woolly Pocket holds 0.40 cubic feet of soil and can be hung almost anywhere, indoors or out. Breathable felt allows excess water to evaporate, while a back panel "tongue" wicks water directly to plant roots. Overlap the grommets to hang multiple Woolly Pockets; decorate an entire wall or hang them on a fence or rail. Military-grade moisture barrier ensures that walls stay dry! Made in the USA, includes hardware. 15" x 24".

13-7445 Woolly Pocket \$39.95



NEW

Our garden has created a community among children, parents, teachers, and the community at large. Its impact on everyone involved has been astonishing to watch.

Sierra Madre School, Sierra Madre, CA

Shop Online at GardeningWithKids.org



Raised Bed Connectors Are Easy & Versatile

Your school can build unique raised beds in different shapes and sizes — square, rectangular, even octagonal — using these stackable, pivoting heavy-duty corner connectors. Simply pound the stake into the ground, slip on the bracket, and slide lumber into place. Connectors adjust to any angle. Made from recycled high-impact plastic, each corner bracket is made to hold 2 x 6 lumber, and can accommodate 2 x 8, in lengths of up to 6'.

13-1320 Raised Bed Connectors, set of 4 \$36.95



Harvest Potatoes the Easy Way

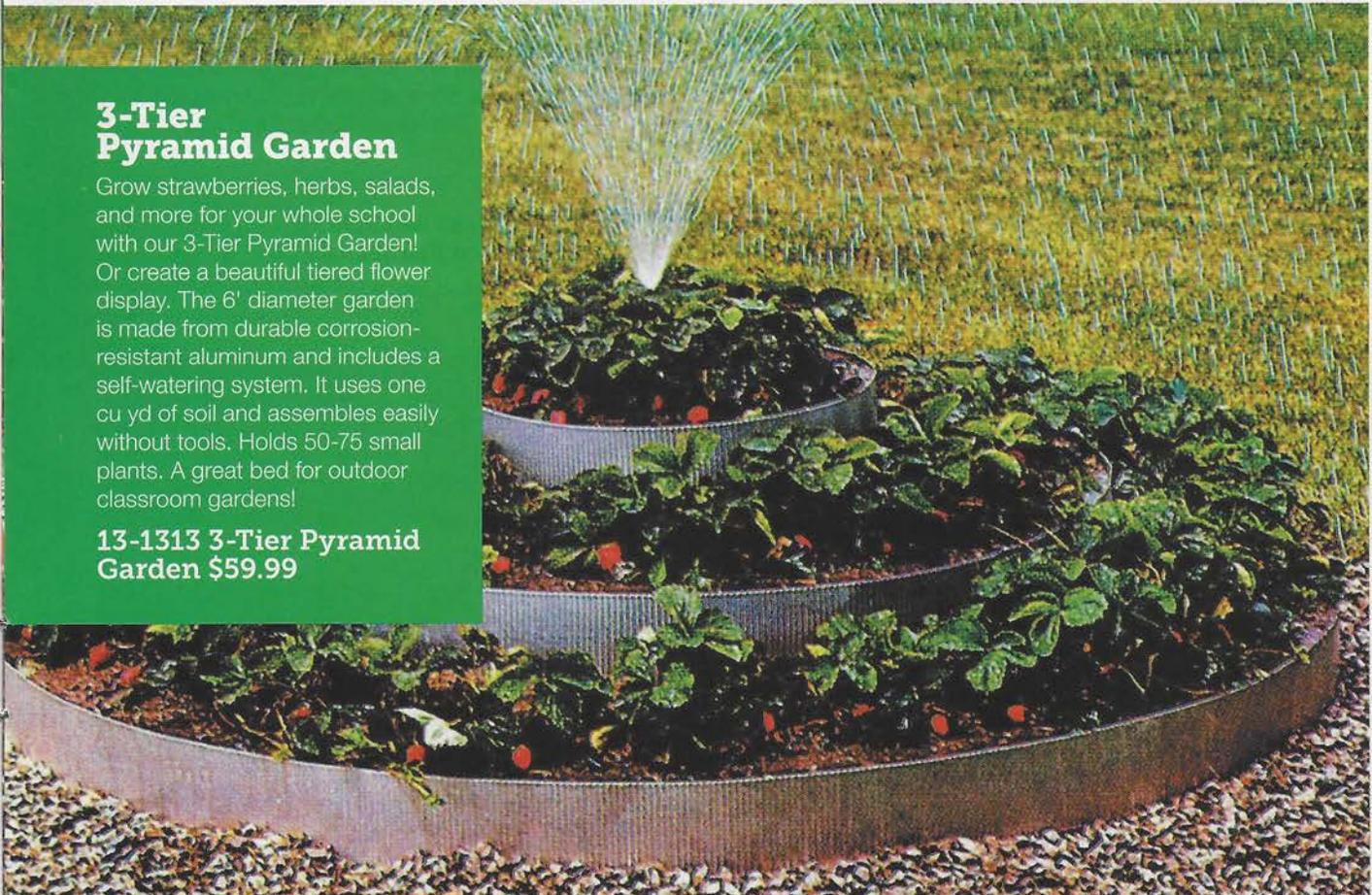
If your school lacks space for a large outdoor garden, kids can grow their own delicious, nutritious potatoes in any sunny corner using our space-saving Potato Planters. Each bag holds about 35 qt of soil and three to five seed potatoes (not included). Made from tough, woven polyethylene, the reusable bags have reinforced drainage holes at the base for years of use and handles for maneuverability. Detailed growing instructions included. Measures 18" high, 14" diameter.

13-7010 Potato Planters, set of 3 \$29.95

3-Tier Pyramid Garden

Grow strawberries, herbs, salads, and more for your whole school with our 3-Tier Pyramid Garden! Or create a beautiful tiered flower display. The 6' diameter garden is made from durable corrosion-resistant aluminum and includes a self-watering system. It uses one cu yd of soil and assembles easily without tools. Holds 50-75 small plants. A great bed for outdoor classroom gardens!

13-1313 3-Tier Pyramid Garden \$59.99





Link-a-Bord Raised Bed Kit

Raised beds are tidy, simple to care for, and make it easy to amend and improve soil for best plant growth. Our exclusive Link-a-Bord Raised Bed Kit assembles without tools—ideal for schoolyard settings. Link-a-Bord is a unique collection of maintenance-free plastic boards, links, and dowels. Construction is as simple as locking pieces together, and the raised beds give you two levels of "good soil" in which to garden. Our kit makes a 4' x 8' bed; the lower half is 6" deep, the upper half is 12" (for deep-rooting plants such as tomatoes or for root vegetables). This top-quality raised bed is made from green recycled UPVC plastic, is double-skinned for strength and insulation, and requires 1 cu yd of soil.

13-1355 Link-a-Bord Raised Bed Kit \$149.95



Multilevel Raised Beds Let You Garden Everywhere

Because they afford complete control over soil quality and improved soil drainage, raised beds are the experienced gardener's secret weapon and a teacher's best friend. Our multilevel raised bed systems come with unique stackable joints, hardware, and 100% recycled lumber made from 90% high-density polyethylene and 10% industrial regrind. This remarkable lumber does not rot or splinter and contains no potentially dangerous chemicals — a real plus for school settings. The Triangular Raised Bed base (left) is a 7' equilateral triangle; a 3'6" triangular upper level provides a raised focal point. The Two-Step Raised Bed (below) has a 7' x 3'6" rectangular base with a 3'6" square upper level. The multilevel design is great for showcasing shallow- and deep-rooted plants.

13-1324 Triangular Raised Bed \$199.95

13-1325 Two-Step Raised Bed \$229.95

13-1326 SAVE! Both Raised Beds \$399.95



See our full line of raised beds & containers online!
GardeningWithKids.org/Planters



SEED STARTING

EasyGro Classroom Gardening Kit

Never lug another heavy bag of potting mix to class! We've combined Wonder Soil with 100% biodegradable coir pots and seeds for a "no fuss, no muss" classroom-sized seed-starting project. Our easy-to-use Classroom Gardening Kit comes with 30 biodegradable 3" coir fiber pots, 30 potting mix wafers, and a packet of marigold seeds. This indoor growing kit is a big project in a small, affordable package.

14-1110 EasyGro Classroom Gardening Kit \$34.95



Seed Identification Kit

Our exclusive Seed ID Kit lets kids investigate the differences and similarities among the seeds they study. Our stunning Seeds Through a Microscope poster comes with 20 different types of seed, packaged in clear compartments, so children can learn to identify common seeds. The 24" x 36" full-color poster shows 40 common seeds at actual size as well as magnified at 10x, 20x, or 40x actual size (depending on the seed). The 6-1/4" seed container also includes 10 empty 3/4" clear plastic boxes so kids can collect their own seeds. You provide a magnifying lens, then watch kids discover the differences and similarities among the seeds they study. Developed by teacher and filmmaker Warren Hatch.

14-1134P Seed ID & Poster Kit \$39.95



Root-View Farm: A Window into the Underground Life of Plants

The Root-View Farm shows plant root development from seed germination on. A panel lifts away to reveal a plexiglass window, which allows children to see roots growing during and after sprouting. This simple kit comes with a growing container, Super-Grow seeds, growing mix with nutrients, and a hands-on activity booklet.

14-1162 Root-View Farm \$35.95



Questions? Call: 800-538-7476



Mid-Sized Garden Tools Handle Big Jobs

These high-quality Mid-Sized Garden Tools feature carbon steel heads and solid oak shafts, making them ideal for tough garden chores. Sized smaller than standard garden tools, they're perfect for middle school youth and smaller adults. A tactile grip and extra-wide handle add comfort and functionality. These tools are a real pleasure to use! 39" long.

Individual Mid-Sized Garden Tools \$39.95

- 13-1560 Mid-Sized Garden Spade
- 13-1565 Mid-Sized Garden Fork

13-1569 SAVE! Both Mid-Sized Tools \$74.95



What's in the Soil Kit

Using ordinary soil, students perform comprehensive soil nutrient and mineral analysis, testing for the presence of 10 nutrients and minerals necessary for strong plant development. Students also determine water and organic matter content, and the pH of several different soil samples.

Teaching guide and reproducible student worksheets included. Enough materials for 30 students working in pairs. Grades 6-12.

22-1403 What's in the Soil Kit \$169.95



Sunpower House Activity Kit

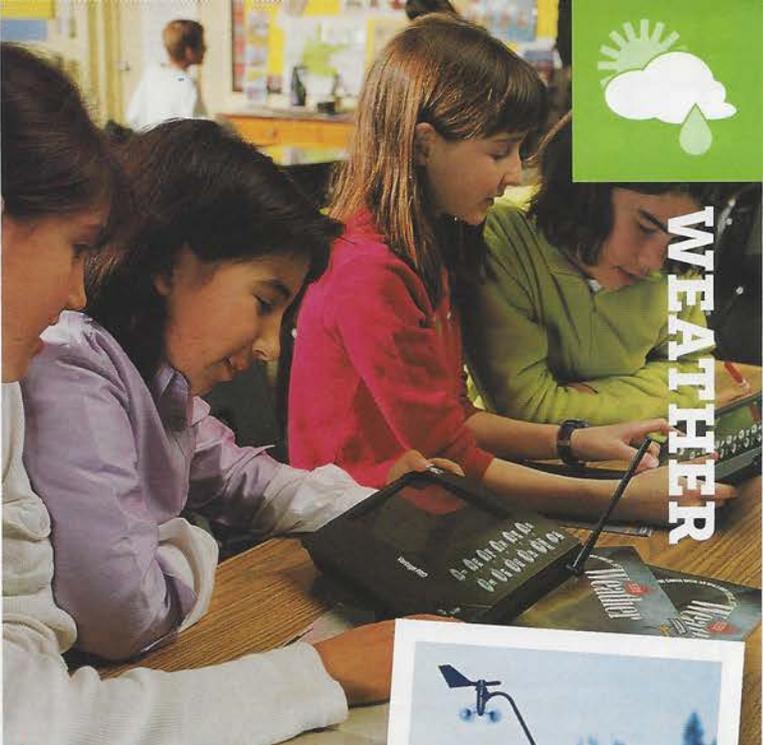
Expand students' understanding of passive energy with this fascinating working model of a solar house. The 11" x 11" x 8" model comes complete with a detailed Teacher's Guide containing activities in basic science, solar energy, and energy conservation. Grades 3-9.

19-1150 Sunpower House Activity Kit \$79.95





WEATHER



Vantage Pro 2 Wireless Weather Station

The best personal weather station on the market, the Vantage Pro helps kids master earth science principles. The sophisticated LCD display console is easy to use and read in the comfort of your classroom, includes all the weather details your class of enthusiastic investigators could want, and even graphs their findings. Includes one console with AC power adaptor, an integrated sensor suite with a 40' anemometer cable, and mounting hardware. Typical wireless range in most conditions is 150'-1,000'. Designed for years of use, this GLOBE Program-compatible professional system is ideal for school settings.

Vantage Pro 2 Wireless Weather Station console features:

- Barometric pressure
- Heat index
- Dew point
- Wind chill
- Time & date
- Moon phase
- Weather forecasting
- Sunset & sunrise times
- Wind direction & speed
- Inside & outside temperature
- Inside & outside humidity
- Multiple rainfall calculations

19-1081 Vantage Pro 2 Wireless Weather Station \$599.00

Budget Friendly Vantage Vue

Combines superb accuracy and durability in an affordable compact station that's easy to set up, and use. Vantage Vue has a weatherproof electronic outdoor sensor and handheld LCD console with a frequency-hopping spread spectrum radio for reliable data transmission, glow-in-the-dark keypad displays; outdoor and indoor temperature and humidity, barometric pressure, wind speed and direction, and rainfall; and includes 50 on-screen graphs for comparing current and past weather and 22 weather warning alarms.

19-1085 Vantage Vue Weather Station \$399.00



Jumbo Garden Thermometer

Large, bold numerals on this Jumbo Solar Thermometer help students read the temperature from the classroom. When the sun goes down, a super-bright LED light illuminates the face. Made of stainless steel and acrylic, the thermometer comes with a plastic ground stake for mounting in the garden. Measures 43" high, 3-1/2" diameter. Includes two AAA rechargeable batteries.

19-1140 Jumbo Garden Thermometer \$44.95

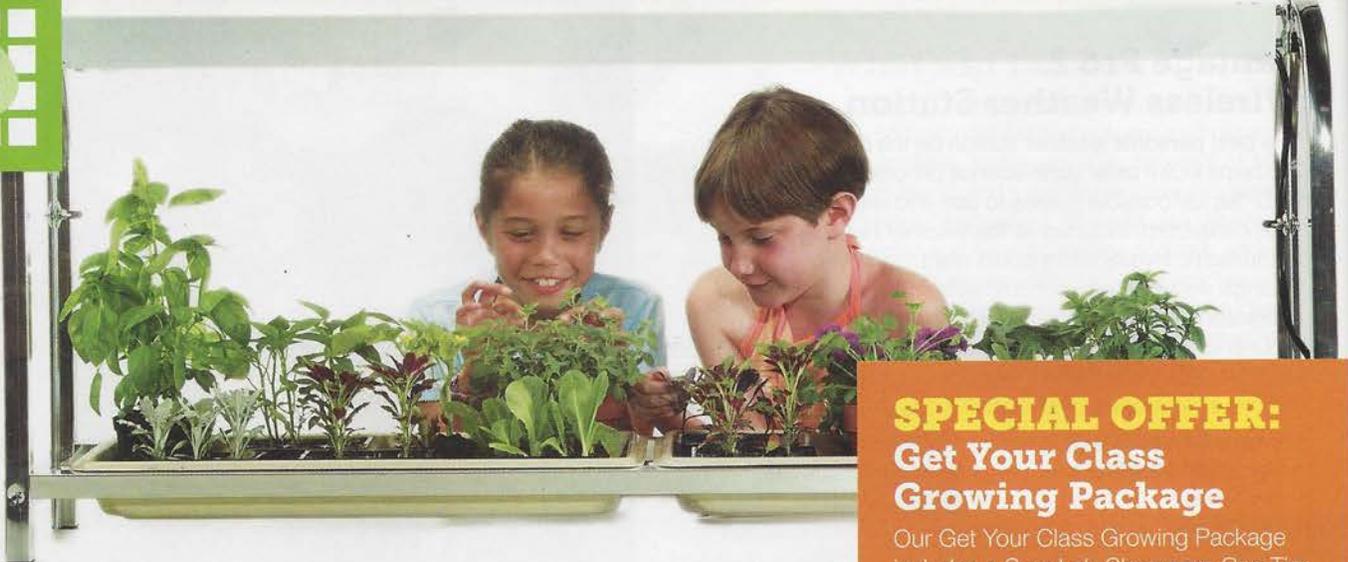
Giant Rain Gauge is Visible from 50 Feet!

Our Giant Rain Gauge makes tracking rainfall a cinch. You can see its large yellow numbers and brilliant float indicator from a classroom window. The UV-stabilized Lexan tube mounts to post; funnel is constructed to prevent debris from entering. Measures rainfall up to 5" and is a useful tool for classroom discussions about global warming, monthly and annual rainfall, and other water-related issues. 24" tall.

19-1045 Giant Rain Gauge \$14.95



Questions? Call: 800-538-7476



GrowLab® Classroom One-Tier

A cost-effective solution for indoor growing, the Classroom One-Tier is built with a sturdy aluminum frame, and its dual Gro-Lux wide-spectrum fixture showers life-giving light on burgeoning seedlings and experiments. The compact size enables this GrowLab to fit onto practically any size tabletop for easy access by students. Comes with our horticultural best seller *GrowLab: A Complete Guide to Gardening in the Classroom*.

Includes:

- Two Gro-Lux wide-spectrum tubes
- Climate-control tent
- 24-hour timer
- 12 heavy-duty plant trays (12" x 23" x 2-3/4"h) and moisture grids hold up to 36, 3-1/2" pots
- *GrowLab: A Complete Guide to Gardening in the Classroom*
- Measures 52" x 12" x 22"h
- 1-year unconditional warranty
- UL listed. Made in the USA

10-1110P GrowLab® Classroom One-Tier Light Garden \$229.99

**GrowLab® Curriculum
GrowLab: Activities for Growing Minds**

Grades K-8; by the National Gardening Association.

Whether you're growing plants in a greenhouse, in a GrowLab indoor light garden, or on a windowsill, *Activities for Growing Minds* sparks students' curiosity and invites them to think and act like scientists. This complete curriculum uses fun, illustrated activities to explore plant life cycles, examine plant diversity, and investigate the interdependence of plants, humans, and more. Activities book features:

- Lessons written and field tested by educators with background information, clear objectives, grade indicators, and materials lists
- Adaptable, multidisciplinary explorations to fit your time frame
- Step-by-step, constructivist teaching cycle promotes inquiry and teamwork

GrowLab: A Complete Guide to Gardening in the Classroom

by the National Gardening Association.

From making curricular connections to tackling challenges, you'll find everything you and your students need to know about indoor gardening in our popular horticultural handbook.

10-4008 GrowLab®: Activities for Growing Minds (307 pp) \$24.95

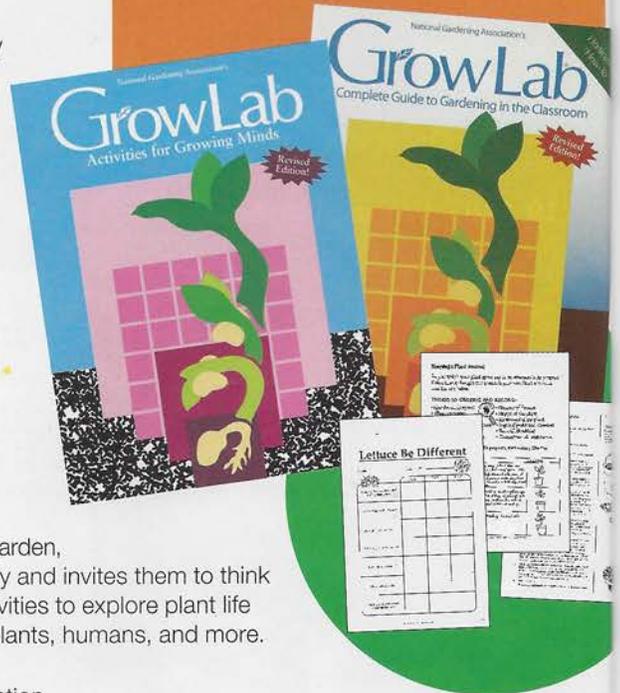
10-4009 GrowLab®: A Complete Guide to Gardening in the Classroom (112 pp) \$19.95

10-4702 SAVE! Both GrowLab® Books \$35.95

**SPECIAL OFFER:
Get Your Class
Growing Package**

Our Get Your Class Growing Package includes a GrowLab Classroom One-Tier Light Garden, a Basic Seed-Starting Kit, and *GrowLab: Activities for Growing Minds* and *GrowLab: A Complete Guide to Gardening in the Classroom*.

**10-1140 Get Your Class
Growing Package \$299.95**



GrowLab® SlimLine One-Tier

Ideal for classrooms with limited space and budgets, the GrowLab® SlimLine One-Tier delivers professional performance at an affordable price. The unit's compact design fits on practically any tabletop, yet provides more than 4 sq ft of growing space; the light fixture can be raised up to 36" high. Includes adjustable 4' light fixture with two 40-watt Gro-Lux wide-spectrum tubes, two 12" x 23" plastic trays with moisture grids, 24-hour timer, climate-control tent, and *GrowLab: A Complete Guide to Gardening in the Classroom*. Holds 36, 3-1/2" pots. 52" x 12" x 39"h.

10-1111P GrowLab® SlimLine One-Tier \$269.95

GrowLab® SlimLine Two-Tier (10-1116P) available online.



GROWLAB® INDOOR LIGHT GARDENS

Find more GrowLab® models and accessories online!
GardeningWithKids.org/GrowLab



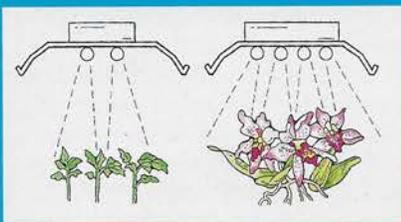
GrowLab® Three-Tier Gardens Master Three-Tier Light Garden

Imagine...a classroom garden at your fingertips...hundreds of vegetable and flower seedlings sprouting in winter...plant experiments year-round. The Master Three-Tier lets kids explore plant systems in a convenient classroom environment. This professional indoor garden comes with standard (two-bulb) or extra-wide maximum intensity (four-bulb) light fixtures.

GrowLab® Master Three-Tier features:

- Measures 52" x 23" x 73"h
- Maximizes growing potential with 24 sq ft of growing space, holding up to 216, 3-1/2" pots on 12 heavy-duty plant trays (12" x 23" x 2-3/4"h) and moisture grids
- Three adjustable light fixtures with six Gro-Lux wide-spectrum tubes
- Safety locks on slide rods protect plants and fingers and heavy-duty casters allow you to easily move your garden
- Comes with a climate-control tent and programmable timer to regulate light
- UL listed. One-year unconditional warranty. Made in the USA
- Includes *GrowLab: A Complete Guide to Gardening in the Classroom* and *GrowLab: Activities for Growing Minds*

2-Bulb vs 4-Bulb



Standard
(Two-Bulb)

Maximum
Intensity
(Four-Bulb)

Maximum Light Three-Tier Garden

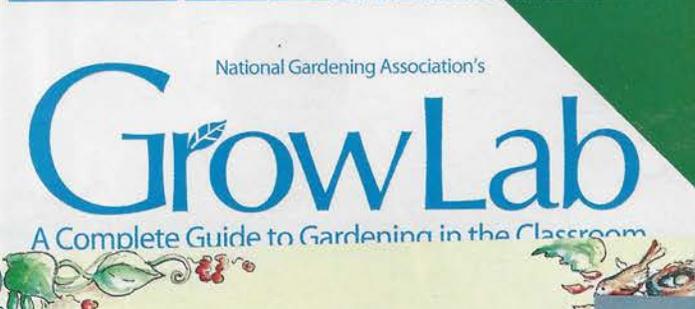
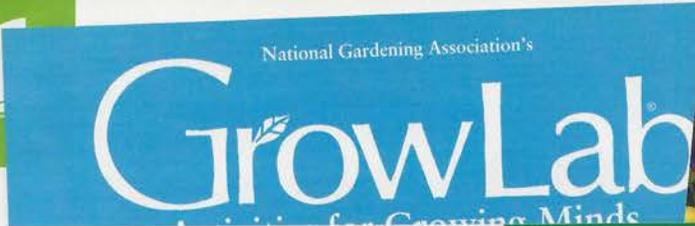
Double the light for your plants with four lights per tier! This light garden has the same great features as the unit above, but comes with three extra-wide (four-bulb) fixtures and 12 bulbs — doubling the light intensity for your light-hungry, fast-growing plants. An excellent choice for performing hydroponics experiments, raising tropical plants, and growing many vegetables to maturity indoors.

10-1151P GrowLab® Master Three-Tier Light Garden \$699.00

10-1152P GrowLab® Maximum Light Three-Tier Garden \$849.00

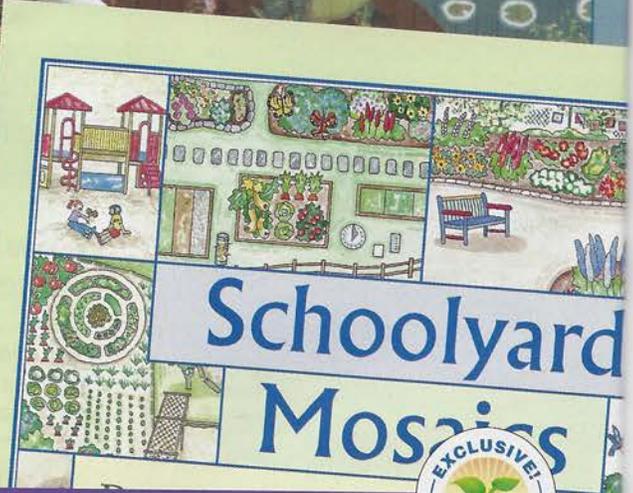
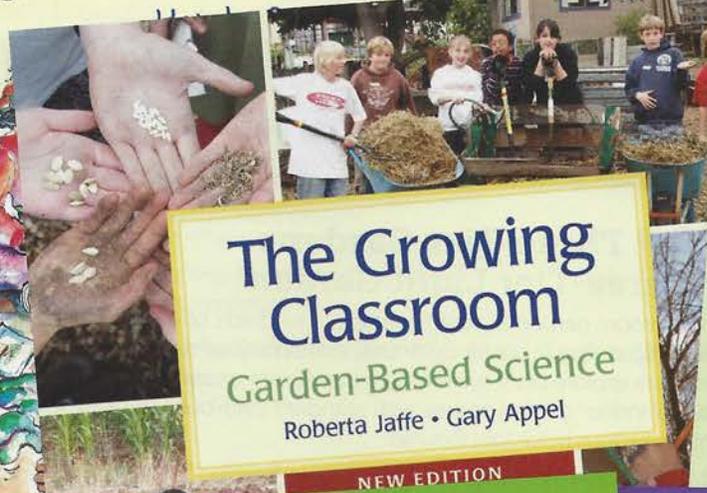
Questions? Call: **800-538-7476**

BOOKS CURRICULAR POSTERS



Save over 35% on the Package! Over \$203 if purchased separately

Math in the Garden



My Gardening Journal



GWK Curriculum Package

This best-selling set brings hundreds of teacher-tested ideas together in one affordable package. Our GrowLab books use plants to make inquiry-based science fun; *The Growing Classroom* offers garden-based science and nutrition instruction; *Schoolyard Mosaics* features garden plans and demonstrates how gardens can be used to create an integrated curriculum; *Steps to a Bountiful Kids' Garden* helps leaders plan, launch, and sustain an effective school gardening program; *Kid's Gardening Journal* (10 copies) lets children keep a record of their observations; *Nourishing Choices* offers a road map for developing food education programs; and *Math in the Garden* uses a mathematical lens to take children on an activity-filled exploration of the garden. Read complete descriptions of each book inside this catalog and online at GardeningWithKids.org/Books; 17 books in all.

11-3100 GWK Curriculum Package \$129.95



Math in the Garden

Grades K-8

Gardens are magical settings filled with aromas, colors, and patterns that excite the imagination and awaken the senses. This engaging curriculum uses a mathematical lens to take children on an education-filled exploration of the garden. Dozens of hands-on activities hone math skills and promote inquiry, language arts, and nutrition. All support mathematics and science standards and have been trial-tested by educators and youth leaders nationwide.

11-3111 Math in the Garden (160 pp) \$29.95

TEACHER FAVORITE

The Growing Classroom

Grades 2-6

Developed by the Life Lab Science Program and revised to meet current science standards, this teacher's manual features strategies for managing garden-based science instruction — including planning a garden laboratory, facilitating investigative lessons on ecology and nutrition, and involving the community. A foundational year-round curriculum.

11-4017 The Growing Classroom (480 pp) \$39.95

Nourishing Choices

Grades K-8

Gardens are magical settings filled with aromas, colors, and patterns that excite the imagination and awaken the senses. This engaging curriculum uses a mathematical lens to take children on an education-filled exploration of the garden. Dozens of hands-on activities hone math skills and promote inquiry, language arts, and nutrition. All support mathematics and science standards and have been trial-tested by educators and youth leaders nationwide.

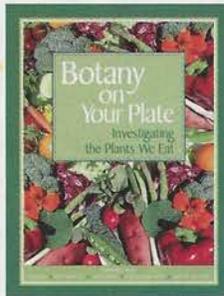
11-3111 Math in the Garden (160 pp) \$29.95

Botany on Your Plate

Grades K-4

This investigative science curriculum introduces the world of plants through foods we eat. Children explore edible roots, stems, leaves, flowers, fruits, and seeds through observation, dissection, journaling, discussion of findings, and, of course, tasting. Supports standards in nutrition, math, language arts, and social studies.

11-3350 Botany on Your Plate (88 pp) \$21.95



BEST SELLER



Kid's Gardening Journal

(Shown in GWK Curriculum Package)

Created at the request of teachers nationwide, this rugged journal is just the right size (7" x 7") for children to record their observations. Kids can chart plant growth, record weather, keep food journals, and draw pictures on 24 pages of unlined paper. Includes thought-provoking "Did-you-know?" gardening facts and "Getting started" suggestions. Use indoors and out.

22-4010 Kid's Gardening Journal \$3.95

SAVE! 10 or more, \$3.50 ea

SAVE MORE!

20 or more, \$3.00 ea



Garden Journal

Created for older students to document and reflect on their natural world explorations, these perfectly sized 9 3/4" x 7-1/2" journals are great for recording observations, indoors and out. Thirty pages are lined for writing, and call-out boxes let students illustrate their notes or attach garden samples. Includes blank pages for in-depth illustrations and four pages of graph paper for charting weather patterns, growth, or designing a garden space. Gardening tips and observations are provided throughout.

11-3360 Garden Journal (48 pp) \$5.95

SAVE! 10 or More \$5.50 each

SAVE MORE!

20+ Copies \$5.00 each

BOOKS, CURRICULA, & POSTERS

HOW-TO GUIDES

Steps to a Bountiful Kids' Garden

by the National Gardening Association

Our information-packed how-to guide covers all you need to know to launch and sustain a school or community kids' gardening program. Topics include rallying support, developing the site, starting seeds, controlling pests, making curriculum connections, and more. An invaluable resource for schools, PTAs, and community youth leaders who want to build a sustainable garden project.

11-4052 Steps to a Bountiful Kids' Garden (56 pp) \$12.95



Schoolyard Mosaics: Designing Gardens & Habitats

by the National Gardening Association

Schoolyard Mosaics features educators who have engaged students in transforming schoolyards into wildlife habitats, square-foot gardens, multipurpose outdoor classrooms, and theme gardens. It offers advice on involving students, building community support, and integrating the project with your curriculum. Includes 11 illustrated feature stories, thematic garden ideas, and an extensive resource section.

11-4508 Schoolyard Mosaics (56 pp) \$19.95

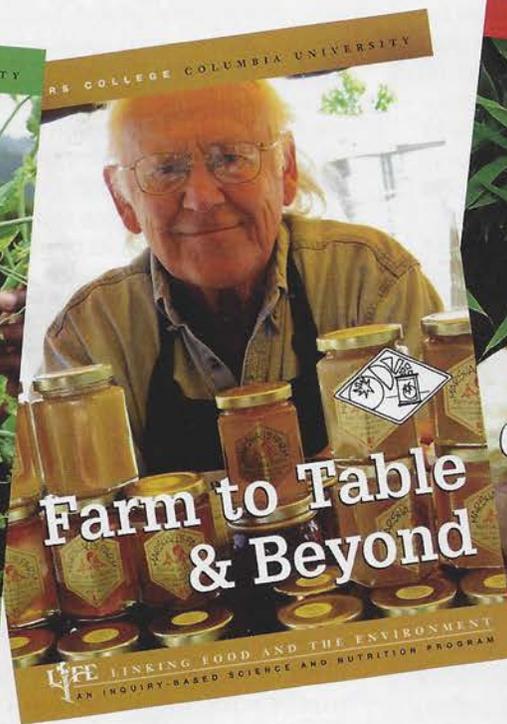
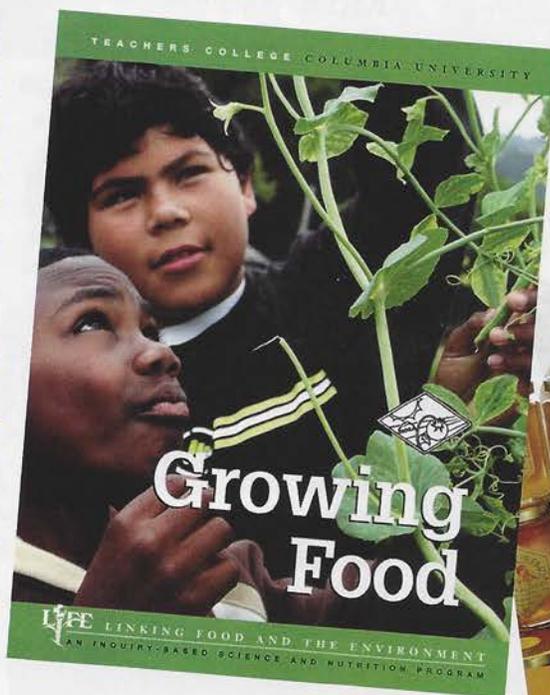
Questions? Call: **800-538-7476**



Linking Food and the Environment

An Inquiry-based Science & Nutrition Program

BOOKS, CURRICULA, & POSTERS



LiFE Curriculum Series

This set of three inquiry-based curricula engages students in hands-on investigations of our complex food system and how to use scientific evidence to make healthy food and activity choices. *Growing Food*; *Farm to Table & Beyond*; and *Choice, Control & Change* were developed by renowned field educators at Teachers College Columbia University, and are based on years of research. Although the modules are ideally used in consecutive years, each is also a strong stand-alone curriculum.

11-3345 LiFE Curriculum Series Package \$89.95
\$104.85 if purchased separately.

Growing Food

Grades 4-6

LiFE Curriculum Series. In this inquiry-based curriculum, students learn about cycles in nature, flow of energy, and food systems, while engaging in hands-on investigations of photosynthesis, food webs, agriculture, and more. Includes teacher lesson plans, background information, teaching tips, and tools for assessment; student activity sheets and readings; and a matrix mapping the book to National Science Education Standards and Benchmarks for Science Literacy.

11-3300 Growing Food (256 pp)
\$34.95

Farm to Table & Beyond

Grades 5-6

LiFE Curriculum Series. This book covers our global food system. Students engage in hands-on investigations of the cycling of matter in nature and the human impact on this cycle, explore and analyze their personal food choices through scientific reasoning, and apply their learning through discussions. Includes background information and tools for assessment; student activity sheets and readings; and a matrix mapping the book to National Science Education Standards.

11-3310 Farm to Table & Beyond
(432 pp) \$34.95

Choice, Control & Change

Grades 6-8

LiFE Curriculum Series. Students study diet and activity choices to learn how the human body works, and how food and activity play a role in its well-being. Students engage in hands-on investigations of food preference, our food environment, energy intake and expenditure, lifestyle-related diseases, and more. Finally, they explore and analyze their personal food choices through scientific reasoning and apply what they have learned to personal decisions related to their diet, physical activity, and overall health.

11-3320 Choice, Control & Change (224 pp) \$34.95

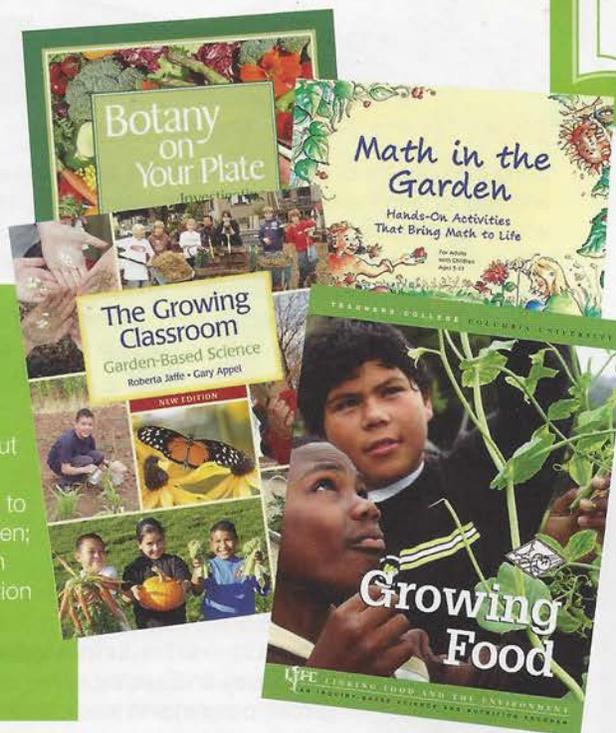
Save over
20%
on the Package!

\$126.80 if purchased
separately

GWK Favorites Package

This exclusive set of standards-based curricula features inquiry-based, hands-on learning across the curriculum. Teachers rave about these books! *Botany on Your Plate* introduces the world of plants through foods we eat; *Math in the Garden* uses a mathematical lens to take children on an educational, activity-filled exploration of the garden; *The Growing Classroom* offers garden-based science and nutrition instruction; and *Growing Food* explores our complex food-production system. Read complete descriptions of each book in this catalog.

11-3150 GWK Favorites Package \$96.95



BOOKS, CURRICULA, & POSTERS

BOOKS FOR PRESCHOOLERS

Early Sprouts

Preschool Curriculum Package

SAVE! Purchase the set of our popular preschool curriculum titles: *Garden Adventures*, *Early Sprouts*, and *Sowing the Seeds of Wonder*.

11-3600 Preschool Curriculum Package \$55.95

Garden Adventures

PreK; by the National Gardening Association
Written for early childhood educators, this book features 16 thoughtful, hands-on activities centered on four key questions: *What is a plant? Where do plants come from? How do we take care of plants? Why are plants important?* Each chapter includes horticultural teacher background information, interdisciplinary extension ideas, and a reproducible "family newsletter" describing an activity to complete at home.

11-3610 Garden Adventures (96 pp)
\$19.95

Early Sprouts

PreK
A research-based early childhood curriculum encourages young children to eat more vegetables. The book assists you in designing and caring for gardens, provides sensory exploration and cooking activities, and promotes healthy eating at home and at school.

11-4136 Early Sprouts (208 pp) \$24.95

Sowing the Seeds of Wonder

PreK

Your young students will develop a lifelong connection to the outdoors as they dig into the soil; observe birds, insects, and other critters in the garden; and enjoy the tastes of fresh fruits and vegetables they have helped to plant, harvest, and prepare through hands-on activities.

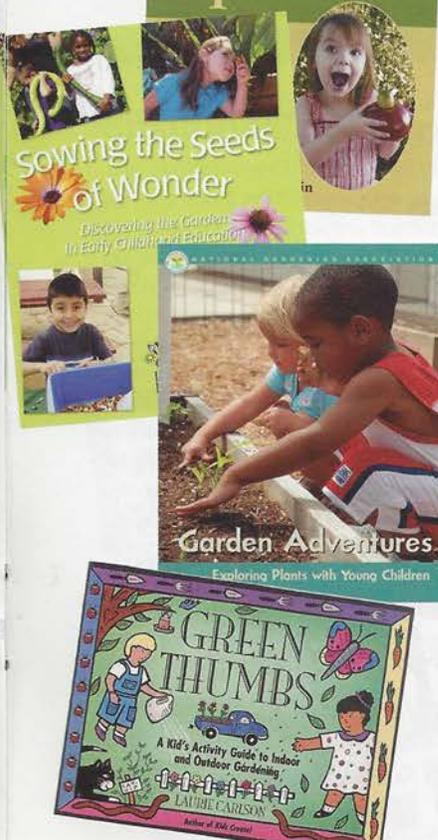
11-3615 Sowing the Seeds of Wonder
(120 pp) \$16.95

Green Thumbs: A Kid's Activity Guide

Ages 3-9

In more than 80 well-conceived activities — as varied as building a miniature greenhouse and making herbal soap — this book uses gardening to help children learn about nature.

11-4106 Green Thumbs (134 pp) \$14.95



Questions? Call: **800-538-7476**



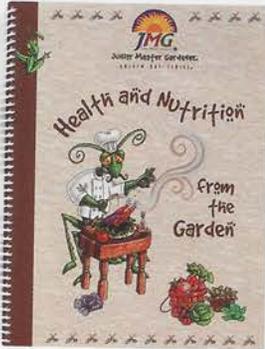
Nutrition Book Package

Bring the concept of good nutrition to life for your class and school with the help of these three best-selling titles written by experts in the field. *The Growing Classroom* offers garden-based science and nutrition instruction; *Botany on Your Plate* introduces the world of plants through foods we eat; and *Nourishing Choices* (online) offers firsthand expertise to groups wanting to develop food education programs.

11-3400 Nutrition Book Package \$59.95

Save over 25% on the Package!

\$81.85 if purchased separately



Health and Nutrition from the Garden

Grades 3-5

This addition to the Junior Master Gardener series is packed with growing techniques and healthy eating tips. It's a great tool for educators who use garden programs to teach students about health, nutrition, food safety, and strong decision-making skills. Spiral bound.

21-4042 Health and Nutrition from the Garden (256 pp) \$49.95

POSTERS

Classroom Poster Series

Our classroom poster series engages young scientists through colorful illustrations, intriguing information, and activity challenges included on each poster. A great tool for visual learners! Each poster measures 23" x 33-1/2"h.

Individual Poster \$7.00

10-6304 Salad Celebration

10-6305 Sensational Seeds

10-6306 Those Amazing Plant Parts

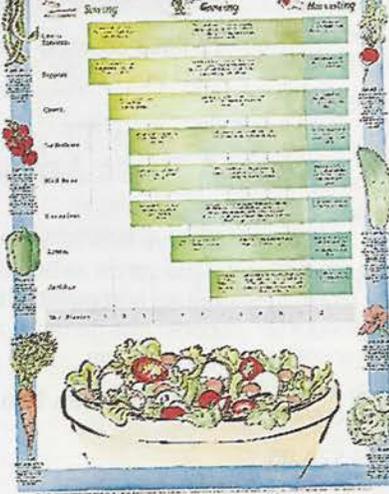
10-6307 Plant a Question

10-6399 SAVE! All 4 Posters \$24.95

Sensational Seeds



Salad Celebration



Plant a Question... Watch it Grow!



THOSE AMAZING Plant Parts



Dried-Flower Bookmark Kit

Merge art with science as your students explore the variables—humidity, temperature, air flow, flower type — that can affect different techniques for drying flowers. Our Dried-Flower Bookmark Kit makes 25 bookmarks, and includes flower-preserving techniques to test on your garden flowers. Supplies include 80 dried flowers (blue larkspur, red roses, yellow and pink daisies, and pansies — enough for three per bookmark (plus a few extras), two rolls of clear magic cover, 25, 2-1/4" x 7" blank bookmark strips, plant name labels, and headlines (Flower Power, I Love My Mom, etc.).

22-5015 Dried-Flower Bookmark Kit \$49.95



Crystal Clay Soiless Growing Kit

Reveal the hidden mystery of seed germination and root development to your class with this unique clear-gel growing kit. The gel provides the support plant roots need, and the transparent tubes allow students to observe the stages of root structure as plants grow. Each tube stand offers helpful illustrations of the phases of root development. The kit includes Crystal Clay seed-growing medium, a packet of seeds, 10 growing tubes with stands, and an instruction and fact sheet.

22-1405 Crystal Clay Growing Kit \$31.95

View our full line of
Indoor Gardening learning tools at
GardeningWithKids.org/Educational

Sustainable Earth Lab

This environmental science kit gives you the tools and information to teach about the problems burdening our planet and how we can overcome them through sustainable practices and sensible technology. The kit is organized into five main sections: renewable energies, natural resources, climate change, waste and water management, and conservation. Hands-on experiments include constructing a miniature water treatment plant, manufacturing recycled paper and plastic, becoming energy "detectives," and much more. Includes full-color 48-page experiment and activity guide. Ages 8 and up.

19-2259 Sustainable Earth Lab \$49.99



Questions? Call: **800-538-7476**

INDOOR CLASSROOM ACTIVITIES



Window Bird Feeder

Perfect for classroom nature studies, this smartly designed Window Bird Feeder assembles quickly, and the feeding area detaches readily for cleaning and filling. Unlike others on the market, this feeder has a tray that holds drinking water as well, and the roof overhangs the unit to protect food from bad weather. Clear plexiglass provides great viewing from all sides. Measures 7-1/4" x 4" x 5-1/2"h.

23-1037 Window Bird Feeder \$21.95



Strange Plant Collection

Kids (and our staff!) love to grow and care for this strange collection of some of the coolest plants ever. In this eclectic group you will find plants that grow "eyeballs" on top of their foliage, plants that grow flowers that look like brains, plants that move when you touch them, and plants that eat insects. All these wacky plants are easy to grow and quick to show their freaky side. Complete kit includes germination dome, four seed packets, plant stakes, decals, germination mix, gravel, and growing and care instructions. Ages 4 and up.

18-5170 Strange Plant Collection \$24.95



Rainforest Biosphere

Grow a variety of plants with tropical textures and vibrant patterns. Your rainforest will develop into exotic trees, underbrush, and even vines! Create a river and finish the scene with rainforest-themed plant stakes and color decals. The species in this kit are quick to sprout and vigorous growers. Kit includes germination dome, four plant stakes, rainforest river gravel, two germination disks, one packet each of Tropical Umbrella Plant, Pink Polka Dot Plant, Moon Flower, Rainbow Plant, and instructions. Ages 4 and up.

18-5177 Rainforest Biosphere \$24.95

Use a Terrarium to Study Water Cycle

Terrariums are a captivating way to teach kids about the water cycle. Using our Terrarium Kit, you can create a mini-biosphere and demonstrate the principles of evaporation, condensation, and precipitation. The kit includes a plastic 2-1/2-gal container, gravel, soil, background information and classroom activities, and a water cycle reproducible. Simply add your favorite plants (not included) to the terrarium and start exploring this fascinating classroom habitat.

18-3010 Terrarium Kit \$25.95



Combine Science & Art to Study Nature

These easy-to-use Rubbing Plates make learning fun. You can use a variety of media such as clay or paper to transfer the plate images. All sets include great educational activity ideas, such as creating a North American leaf guidebook, exploring plant origins, or learning about insect habitats.

The 16, 4" x 5" **Leaf Rubbing Plates** include impressions of ginkgo, sycamore, river birch, tulip poplar, linden, sugar maple, sassafras, sweet gum, buckeye, hickory, dogwood, holly, box elder, willow, white oak, and elm tree leaves (several with seeds).

The 15, 4" x 5" **Flower Rubbing Plates** portray cosmos, morning glory, calla lily, gardenia, hydrangea, iris, lily, marigold, sunflower, tulip, water lily, rose, cactus flower, hibiscus, and gazania.

The 16, 4-1/2" x 6-1/2" **Insect Rubbing Plates** depict dragonfly, cicada, ladybug, bumblebee, scarab beetle, Monarch and swallowtail butterfly, luna moth, wasp, ant, cockroach, fly, mosquito, cerambycid and stag beetle, and grasshopper.

Our **Organics Rubbing Plates** can be "tiled" to create a design that can be moved in any direction to continue a seamless overall pattern. Eight designs explore organic textures and patterns. 6-1/2" x 9-1/4".



Individual Rubbing Plate Sets \$10.95

22-7003 Leaf Rubbing Plates

22-7004 Flower Rubbing Plates

22-7006 Insect Rubbing Plates

22-7005 Organics Rubbing Plates

22-7100 **SAVE!** Full Rubbing Plates Set \$41.99

Crafty Leaves

A variety of beautiful leaves printed on both sides of high-quality paper lets kids arrange and paste unique collages and nature-inspired art projects. Perfect for group projects and decorating classrooms. Includes idea guide. 266 per package.

22-7131 **Crafty Leaves \$9.95**

Cultivate Learning with The Garden Game

Players feed the soil, plant seeds, nurture plants, have harvest festivals, and help each other through natural disasters in this exquisitely illustrated board game about gardening. Win by planting the largest garden and saving the most seeds. Children learn how seasons affect their garden, which insects are beneficial, and more. Children love this game! Ages 6 and up, two to six players.

22-6505 **The Garden Game \$29.95**





GARDENING WITH PRESCHOOLERS



**SAFE
LEAD-FREE
PAINT**

Preschool-Sized Tools

Preschoolers learn more in the garden when they use real tools. Our Preschool Kids' Tool Set consists of five colorful tools for a variety of jobs including one each of: shovel, hoe, push broom, rake, and leaf rake. Tools feature 24"-29" long wooden handles and powder-coated metal heads. We can't say enough about their quality!

Individual Preschool Kid's Tools \$11.99

- 13-1221 Preschool Rake
- 13-1222 Preschool Shovel
- 13-1223 Preschool Hoe
- 13-1224 Preschool Push Broom
- 13-1225 Preschool Leaf Rake

13-1220 SAVE! Preschool Kids' Tool Set \$56.99

Turn Your Classroom Window into a Nature Observatory

Students will be fascinated with their new neighbors moving into the Peek-a-Boo birdhouse. This house is designed for birds attracted to "move-in" conditions, such as chickadees, wrens, and nuthatches. Enjoy the drama of burgeoning life, from nest building to the arrival of new chicks. Made from 100% recycled ABS plastic, side vents above the nesting area allow air circulation. Installs in seconds with supplied adhesive strips or your own suction cups. 9-1/2" x 5-1/2" x 4-1/2" d.

23-1056 Peek-a-Boo Bird House \$12.95



"The garden is the centerpiece of our childhood obesity prevention program. It has provided so much quality food to kids and parents. The garden has also contributed to our school food service menus. It is magic."

North Bay Children Center,
Santa Rosa, CA

Shop Online at GardeningWithKids.org



GARDENING WITH PRESCHOOLERS

Kids Touch and Hear Common Songbirds Using This Audubon Set

With input from Audubon and the Cornell Lab of Ornithology, these 5"-long birds feature lifelike design details and utter an authentic call when pressed. Children can learn to identify these common birds by sight and sound indoors, then take a nature walk to look for real-life specimens. Set includes one each of cardinal, robin, hermit thrush, sparrow, bluebird, goldfinch, and a nest. Individual birds are available online at GardeningWithKids.org.

23-2010 Audubon Songbird Set \$59.95



Jumbo Magnifiers

Our extra-large, almost indestructible magnifiers are perfectly sized for little investigators. Featuring an optional built-in stand for easy hands-free viewing, the magnifiers encourage science exploration, allowing children to closely observe plants, animals, insects, and other natural objects. Plastic lenses are 4-1/2" in diameter and 8" long, with 4.5x magnification. Each set of six comes in assorted colors. PreK and up.

18-1230 Jumbo Magnifiers, set of 6 \$39.95

Bombs Away!

Seed Bombs are a fun and easy way to start plants, and are particularly useful in areas where rainfall is unpredictable. Just throw them, toss them, crush them, or leave them – no digging necessary! The natural clay shell protects the seeds inside from animals, insects, and too much moisture. Each bucket contains 20 Seed Bombs and each bomb covers about 1 sq ft. **Herb Mixture** includes basil, oregano, parsley, rosemary, sage, and thyme. **Butterfly & Bird Mixture** features 22 pollinator-attracting seed varieties including bachelor button, larkspur, alysum, rose mallow, toadflax, calendula, cosmos, and more.

14-6161 Seed Bombs, Butterfly & Bird Mixture \$19.95

14-6166 Seed Bombs, Tasty Herb Mixture \$19.95



Big View Bug Jars

Fanciful jars feature ladybug wings that "fly" open to invite little learners to investigate insects. Simply press the middle spot to reveal a 3.4x magnifier! Each durable plastic jar features screw-on cap and air vents. 4.5" high, 3.5" diameter. Set of six. PreK and up.

15-7130 Big View Bug Jars \$35.95

Great Games Reinforce Classroom Lessons

Fun and learning go hand in hand when children race to get bingo and learn nature facts along the way! **Gardening Bingo** utilizes lush full-color photography, **Bug Bingo** has scientifically accurate illustrations, **Wildflower Bingo** features common species of North America, **Butterfly Bingo** teaches the scientific names and habitat locations for species such as swallowtails and buckeyes, and **Nature Bingo** details and explains a cross-section of natural treasures from feathers to fungi. The back of each picture card includes pertinent information. All games come with six player boards, 42 informative image cards, and a generous supply of playing chips. Ages 3 and up.

Individual Bingo Games \$14.95

22-5530 Gardening Bingo

22-5140 Wildflower Bingo

15-5150 Butterfly Bingo

15-5530 Bug Bingo

22-5110 Nature Bingo

22-5500 SAVE! Set of all 5 Bingo Games \$69.95



Questions? Call: 800-538-7476



NUTRITION



Windowsill Herb Garden & Curriculum

Grow herbs easily on your windowsill with our educational herb kit. Kit includes four pots; seed packets of Slow-Bolt cilantro, True Greek oregano, Fine-Leaf chives, and Window Box mini-basil; and an 8 qt bag of Espoma organic potting soil for seed starting. Our 4-1/2" pots are sized for windowsills. The kit also includes our educational herb chart, featuring 16 herbs, their usage, and companion herbs printed in color on a handy plastic wheel, plus an inquiry-based herb-growing curriculum for elementary and middle school students, featuring hands-on herbal classroom activities.

14-1213 Herb Gardening Kit \$29.95



Make Healthy Snacks

Teach kids about good nutrition and food preparation with this high-quality compact 5-tier Food Dehydrator. Dry a variety of foods, including fruits, vegetables, herbs, meats, flowers, even fruit roll-ups! Rotating adjustable-height trays ensure efficient drying and vented lid controls humidity and rate of dehydration (time will vary depending on moisture content). 135 watts.

21-1310 Food Dehydrator \$69.95

PERIODIC TABLE OF VEGETABLES

KEY TO CHART

Ar	LI	Ca	Ch	D	E	F	Pa	Sc	Tc	Ch	CG	Ka	K	O	To	J	BS	BC
Q	LI	Ca	Ch	D	E	F	Pa	Sc	Tc	Ch	CG	Ka	K	O	To	J	BS	BC
Ca	Du	Ca	Ch	D	E	F	Pa	Sc	Tc	Ch	CG	Ka	K	O	To	J	BS	BC
LI	Pa	P	Ru	C	Cl	Oh	Tu	Bu	S	At	p	JA	Sa	WC				
Ca	B	Is																

Reference Your Vegetables

Check out the varieties of vegetables, from common to exotic, featured in our Periodic Table of Vegetables Poster. Each square contains a different photo with serving size, fiber, and is arranged by calories per serving. 18" x 24" w laminated.

21-5622 Periodic Table of Vegetables Poster \$15.95

Eat a Rainbow

Our exclusive kit encourages students to explore the potent health benefits gained by eating a rainbow of fruits and vegetables. We've included everything you need for this innovative, hands-on nutrition lesson: background information, lesson plan, and activity guide; a two-sided produce/fruit wheel of nutrition facts; eight packets of super-nutritious seeds (Garden Candy cherry tomato, Tri-Color bush bean, All-Season Blend broccoli, Sunshine orange and yellow carrot, baby lettuce, Jewel Tone sweet bell pepper, Easter Egg radish, and Asian Trio eggplant); potting soil; 18 3-1/2" pots; and 36 plant labels.

21-5011 Eat a Rainbow Kit \$45.99



Observe the World of Butterflies

With our spacious Classroom ButterflyLab, children can study the interaction of plants and pollinators. The screened enclosure contains plenty of space to raise live caterpillars, which will form and attach chrysalides to plants and branches — and become striking butterflies in just a few weeks. Place nectar-producing flowers in your ButterflyLab and watch students' amazement as they observe butterflies feeding. This lab-quality enclosure is constructed from ripstop plastic tent material with front screening and dual zippers for controlled access. A fold-down cover maintains warmth and humidity. Includes a Monarch Butterfly Activities book, two plant trays, and complete instructions. Fully washable, assembles in minutes. 25" x 23" x 30"h.

15-1144 Classroom ButterflyLab™ \$199.00

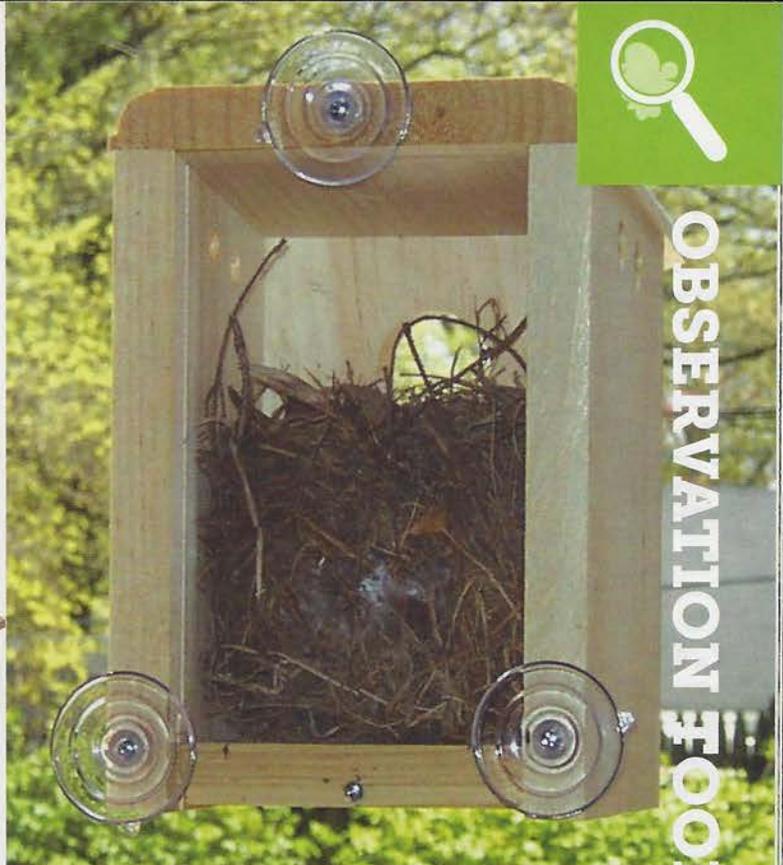


Make Your Own Soda-Bottle Bird Feeders

Every child in your class can make his or her very own bird feeder with our fun, easy-to-assemble kit. Just fill the bottle with birdseed, screw on the plastic feeding platform, and attach the hanger. Comes with feeding platform and hanger, and includes handy funnel. Soda bottles not included.

23-1032 Soda-Bottle Bird Feeder \$3.99

SAVE! 10 or more, \$3.50 each



OBSERVATION TOOLS

Observe Birds at "Home"

Our window-mount kit lets children watch small birds build their nests and raise a family of youngsters up close. The simple kit comes with precut unfinished wooden parts that are easy for kids to assemble, an acrylic observation window, plastic suction cups, and hardware. No finishing required. Handcrafted in Maine from eastern white pine by avian experts, each kit includes a brochure that describes the species, placement, and maintenance of the product. Measures 5" x 6-1/4" x 9"h. Ages 8 and up.

23-1035 Window Birdhouse Kit \$21.95

**See more Observation Tools online!
GardeningWithKids.org/Observation**

Standard or Deluxe Bird Feeding Stations

Don't let a lack of trees in your schoolyard keep your students from enjoying and learning about feathered wildlife. You can attract a variety of wild birds to your school using one of our popular Bird Feeding Stations. The deluxe model features a decorative four-way hook for hanging feeders, a birdbath support ring, and bath with two bathing levels (for both small and large birds), a small feeder hook with an integral Fat Snax hanger, a large micro-mesh feeder tray, and a heavy-duty pole with a fleur-de-lis finial. Our standard feeding station (shown online) features the same coated steel stand and includes a micro-mesh feeder tray, a plastic birdbath, and three hooks for hanging your own feeders. Above-ground height 73", overall height 89".

23-1041 Bird Feeding Station \$39.95

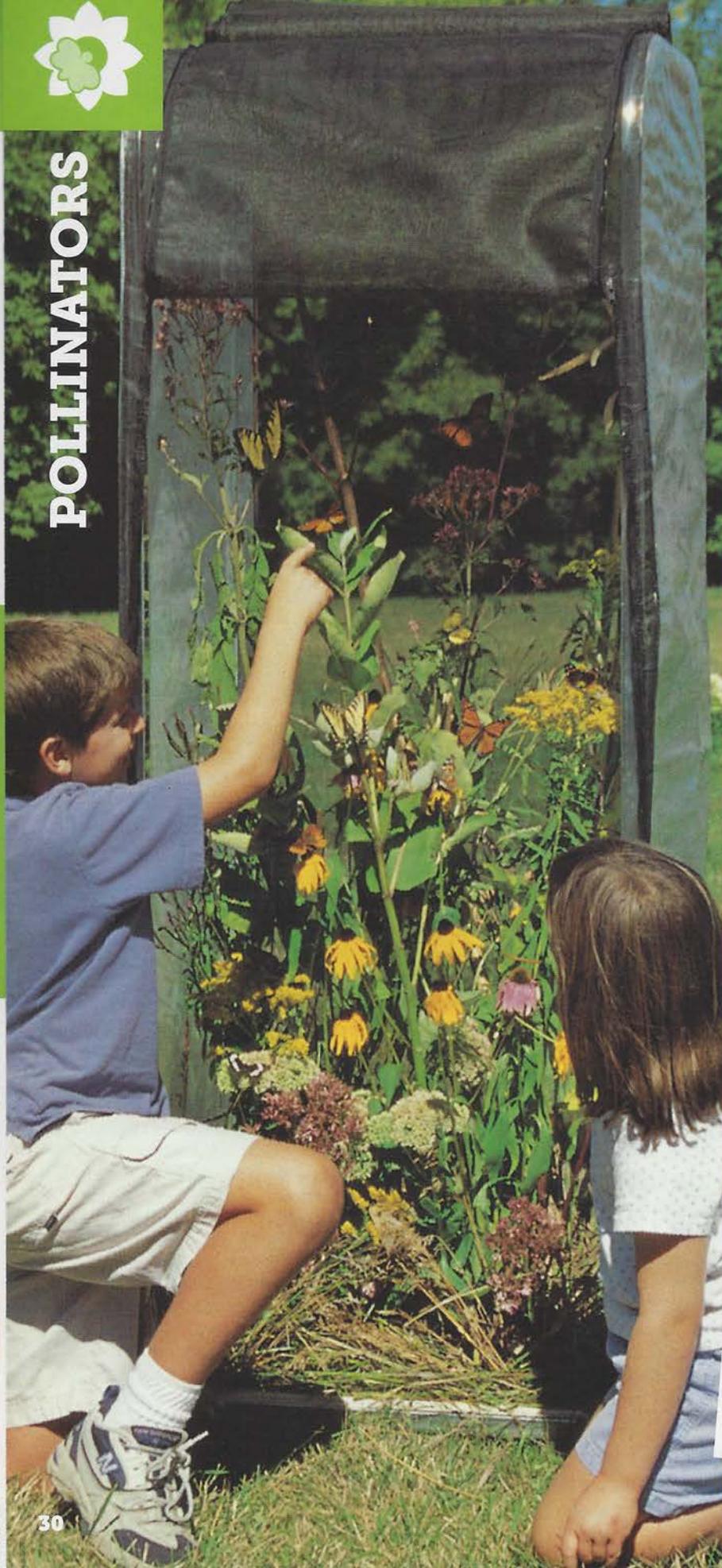
23-1048 Deluxe Bird Feeding Station \$49.95



Questions? Call: **800-538-7476**



POLLINATORS



Observe Butterflies Indoors or Out



Butterflies prefer vertical space, so to create the ideal butterfly habitat, we turned our Classroom ButterflyLab (pp 29) into a 70" - tall tower. Kids can grow tall plants such as milkweed in the unit, and add attractive deadwood and nectar-producing flowers to create a habitat in which butterflies will thrive. Once they've hatched, there's lots of vertical space for the butterflies to flutter about. This lab-quality tower is made from the same durable, lightweight steel frames used on our GrowLabs. A screened, zippered tent keeps butterflies inside. Includes two plant trays and a Monarch Butterfly Activities book with complete instructions. Fully washable, the lab assembles in minutes. Measures 23" x 26" x 70"h.

15-1152 ButterflyLab™ Tower
\$199.00

Pollinator Activity Kit

Did you know that every third bite of food we eat depends on the work of pollinators? Our exclusive kit uses hands-on explorations to guide students to an understanding of the vital processes of pollination. It includes enough craft materials for 25 students, a Class Action Pollinator Activity Guide, 25 student pollinator journals, and blackline reproducibles. A standards-based lesson plan for grades K-2 or 3-5 helps bring the concepts of pollination into the classroom. Activities teach interdependence by focusing on how insects and other animals assist with the process of pollination, plant anatomy, and how students can support a healthy pollinator habitat within their school garden.

Pollinator Activity Kit \$45.95

15-1451 K-2, 15-1455 3-5

15-1460 Pollinator Activity Kit, K-5 (Both Teacher Guides) \$49.95



NEW



Grower's GreenLab™ Greenhouse

Our Grower's GreenLab™ Greenhouse is a first-rate alternative to a permanent structure. Great-looking design, innovative features, and best-in-class construction are perfect for extending your growing season. High-density mesh polyethylene cover blocks harmful UVA and UVB rays. All steel 1-3/8" frame stands 6'6" high and features DuPont Premium powdercoat finish. Zippered screen vents on each end panel and quick-snap roll-up side panels with full-length screens give ultimate temperature control. Large double-zippered door provides convenient access. Easy NO-TOOLS assembly! All hardware and step-by-step instructions included. 6' x 8'.

12-1220 Grower's GreenLab™ Greenhouse \$299.95



GREENHOUSES

Four-Tier Growing Rack

Harden off seedlings or extend your growing season with our spacious Four-Tier Growing Rack. A removable UV-resistant plastic cover has a double-zipper opening on the front panel for access, and the shelves adjust easily to accommodate taller plants. Made from green steel coated with baked-on epoxy. Assembles easily without tools. One-year warranty. 27" x 19" x 63"h.

12-1004 Four-Tier Growing Rack \$69.95

Greenhouse Shelves

Organize your greenhouse with our durable, powder-coated steel and plastic shelves. Wire mesh surfaces allow plenty of air to circulate around the plants. Each four-shelf unit measures 35" x 19" x 54"h. The units assemble in a matter of minutes, and it's simple to snap together two or more units for custom lengths. These useful shelves fit most of our greenhouses.

12-2033 Greenhouse Shelves \$69.95

SAVE! 3 or more units, \$59.95 ea



See more Greenhouses and accessories at: GardeningWithKids.org/Greenhouses



Economy Greenhouse

Amazingly affordable yet doesn't compromise on quality or durability. Conveniently sized, the greenhouse still has plenty of space for kids to tend growing experiments.

Special features include:

- Compact 6' x 8' x 6'h — provides 48 sq ft of growing space.
- Strong, galvanized, enamel-coated steel frame; an additional enamel coating added after cutting and drilling eliminates bare metal edges.
- Ventilation window helps keep plants cool.
- Single sliding door for easy access.
- Energy-efficient, twin-walled, UV-coated, 4-mil polycarbonate glazing is virtually unbreakable.
- Step-by-step instructions for easy assembly; all pieces clearly labeled and all fittings included.
- Greenhouse base.

With this specially priced greenhouse, we're helping to make it possible to extend your school's growing season and create a three-season learning environment.

12-1770 Economy Greenhouse with Base \$899.95

Questions? Call: **800-538-7476**



COMPOSTING



3 Weeks to Rich Compost

The patented Spin Bin Composter has vertical tumbling action and a center aeration rod along with 20 vents that make rich, dark brown compost in as little as 3 weeks. The galvanized tubular steel legs won't rust and the animal-resistant twist-lock lids give kids easy access. Made from heavy-duty UV-protected recycled polypropylene to withstand harsh climates and years of use. Composting instructions are embossed right on the lid. 60-gal capacity, made in the USA. 26" x 34" x 46"h.

17-5520 Spin Bin Composter \$199.95



BEST SELLER

Turn Your Scraps from Trash to Garden Treasure

This single-bin tumbling composter makes successful composting fast, simple, and virtually foolproof. Kids can easily add clippings and scraps through the wide lid, and with a few turns of the smooth-rolling bin, completely turn and aerate their batch. The reward is rich, finished compost in as little as 4 weeks! Round, 37-gal-capacity bin is supported by a heavy-duty tubular steel frame, and is so well balanced that even young children can rotate it. Instructions included.

17-1501 Compost Tumbler® \$249.95



Odor-Free Compost Pail

Make fewer trips to the compost pile with our popular Odor-Free Compost Pail. The tapered dark green plastic unit sits on the countertop or under the sink and holds 2-1/2 gal (9 liters) of scraps. Replaceable carbon filter in the lid eliminates odors, and the ribbed carrying handle is comfortable to grasp when transporting scraps. Filter lasts 3-4 months. Measures 8" x 6-1/2" x 12-1/2"h.

17-3037 Odor-Free Compost Pail \$19.95

17-3038 Carbon Filters, set of 6 \$10.95

Compost Activity Kit

Our exclusive Compost Activity Kits offer a hands-on, interactive way for students to gain a deeper appreciation for the benefits of composting. Children get to create and experiment with their own classroom composter! Each kit comes with an Odor-Free Compost Pail (above left), Compost Aerator, and an 8-page Class Action teacher's guide. The guide includes reproducibles, compost-making instructions, best practices, DIY plans for building your own composter and compost sifter, and Q&A. Kits include inquiry-based lesson plans correlated to NSE Standards in math, social studies, environmental science, and language arts. Choose grades K-2, 3-5, 6-8, or choose all 3 teacher guides.

Compost Activity Kit \$49.95

17-1757 Grades K-2

17-1767 Grades 3-5

17-1777 Grades 6-8

17-1799 Compost Activity Kit, K-8 (All 3 Teacher Guides) \$59.95



Shop Online at GardeningWithKids.org

Compact Composter for Tight Spaces

The Garden Gourmet Composter turns leaves, kitchen scraps, and garden debris into valuable, nutrient-rich compost for your outdoor garden. Made from 100% recycled plastic, this well-designed bin is built to soak up heat from the sun. A big lid on top accommodates large loads of leaves or clippings, and a smaller flip-up door makes way for kitchen scraps. Adjustable vents provide proper air flow, and the sliding bottom door makes it easy to remove finished compost. Measures 24" x 24" x 39"h; comes with a 10-year guarantee.

17-1105 Garden Gourmet Composter \$119.95

We've seen children have the opportunity to explore, investigate and make discoveries in our young garden - more than we never imagined.

Sunset Mesa Preschool,
Albuquerque, NM



COMPOSTING



See more composters and accessories at:
GardeningWithKids.org/Composting

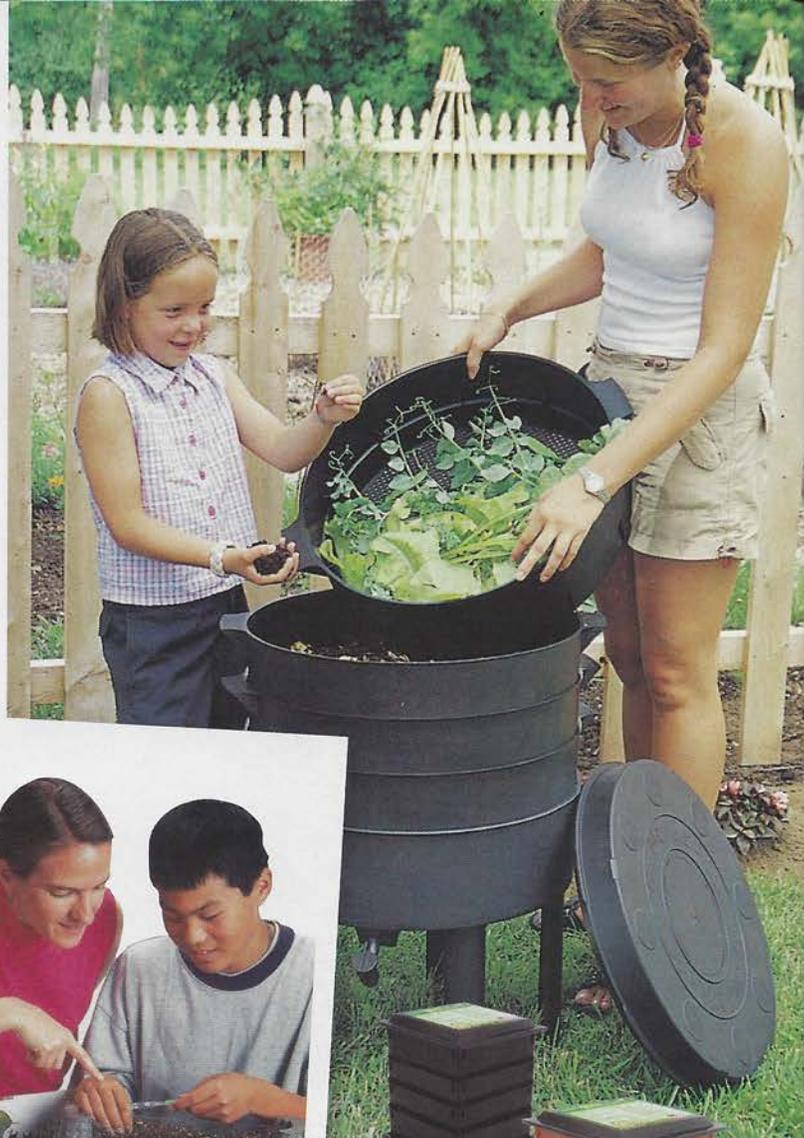


Harness the Power of Worms

This ingenious worm "condo" allows as many as 20,000 worms to eat their way up through food scraps from level to level, leaving rich, odorless castings behind. There's even a tap at the bottom to dispense "worm tea"—wonderful liquid fertilizer for indoor or outdoor classroom gardens. The 20"-diameter, 29"-high black plastic Can-O-Worms comes with coconut fiber worm bedding and a 16-page instruction booklet. The Can-O-Worms Package includes the unit, a redeemable coupon for 2 lb of red wigglers, and Worm Bin Fork.

16-1255 Can-O-Worms™ \$159.95

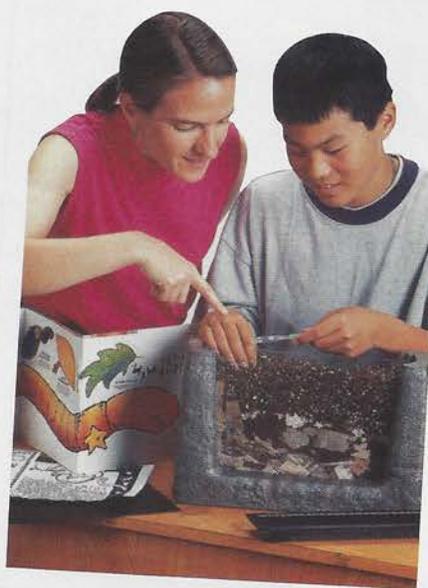
16-1256 Can-O-Worms™ Package \$229.95



Observe Worms in Their Natural Habitat

In this self-contained observatory, kids can explore the fascinating subterranean world of the red wiggler worm. When the clear plastic sides are uncovered, children can view worms in their tunnels and investigate how they recycle organic waste and cultivate the soil. An escape-proof lid and base keeps light out and worms in. The Worm Vue Wonders kit includes soil and food, a magnifying glass, a booklet with experiments for students, accessories for the experiments, and a redeemable coupon for worms (there is a \$12.95 surcharge for worm shipping).

16-1036 Worm Vue Wonders™ \$35.99



The Worm Factory® – Compost Indoors or Out

Get your vermicomposting program off to a great start with our popular Worm Factory. The unit's thermo siphon design increases composting speed with 10 times more air circulation than similar composters. Made from 100% recycled plastic, the bin comes with a base, four stacking trays for upward worm migration (expandable up to eight trays), a plastic spigot for draining liquid "worm tea" fertilizer, and a cover printed with basic worm-care tips. With four trays in use, there's enough space in the bin to compost 5-8 lb of food a week! Can be used indoors or outdoors year-round. Includes redeemable coupon for 1 lb of red wiggler worms, an instructional DVD with step-by-step guide, GroBrick, and Worm Bin Fork. 18" x 18" x 20"h.

Worm Factory \$159.95

- 16-1575 Green
- 16-1555 Black
- 16-1588 Terracotta

Additional Trays \$9.95

- 16-1571 Green
- 16-1551 Black
- 16-1582 Terracotta





OUTDOOR CLASSROOMS



Bring Learning to Life with PlantCam

Fast-forward students' understanding of plant life cycles with this weatherproof time-lapse PlantCam digital camera. The unit converts a series of photos into video so you can watch a lengthy period of growth in just seconds of viewing time. Features 4.0 megapixels; 16 MB of built-in memory. Includes mounting bracket and strap, tape measure, USB and A/V out cables, batteries, and user guide.

18-5115 PlantCam \$116.99



Tools On the Go

If your equipment isn't stored right next to the garden, our tool organizer and caddy is just what you need. The caddy holds 12 standard long-handled and six D-handled tools, or even more of our kid-sized tools. The tool slots are molded from high-impact, UV-stabilized polymer and will not rust or crack. The accessories pouch holds hand tools, seeds, and other garden supplies. The well-balanced caddy rolls on 7"-diameter wheels attached to a corrosion-resistant, zinc-plated steel frame. Our caddy also has a front rack for carrying nursery plants or a container for garden refuse. The caddy assembles quickly, and will stand up to years of hard use in school or community gardens.



13-1042 Tool Caddy \$129.99

Lure Ladybugs to Your Garden

"Ladybug, ladybug, fly away home..." Thanks to their voracious appetite for aphids, these armor-plated little beauties are beloved by gardeners. Our entomologically designed Ladybug House encourages these beneficial insects to take up residence in your garden and provides a safe roosting place during chilly months. The shelter hangs easily on a fence post and comes with hardware. Measures 7" x 4" x 10"h.

15-1003 Ladybug House \$26.95



See more outdoor classroom products on pages 2-7 & at: GardeningWithKids.org/Schoolyard



OUTDOOR CLASSROOMS



Kids' Tools – Perfectly Sized for Young Gardeners

Using kid-sized tools is important to keep gardening fun, not awkward and frustrating. These outstanding kids' tools are downsized for young hands and arms, but quality-built for big jobs. Their bright colors appeal to everyone! Long tools are made from forged steel with hardwood handles (leaf rake has a plastic head). Ideal for kids ages 6-14. Our six-piece tool collection includes one shovel, one hoe, one steel rake, one leaf rake, one hand trowel, and one hand cultivator. Our 12-piece collection contains two of each tool, and our 18-piece collection contains three of each tool.

- 13-1192 6 Tools \$55.95
- 13-1193 12 Tools \$99.95
- 13-1194 18 Tools \$129.95



13-1187
Shovel \$12.95



13-1186
Garden Hoe \$12.95



13-1185
Garden Rake \$12.95



13-1179
Leaf Rake \$12.95



13-1188
Hand Trowel \$3.99



13-1189
Hand Cultivator \$3.99

Questions? Call 800-538-7476

Hands-On Learning

Our garden provided a real-world, hands-on bridge between abstract academic concepts and the real-life experiences of our students. Teachers are excited to find more ways to incorporate the garden context in our academic curricula.

Connie W.
Enos Garcia Elementary
Taos, New Mexico



gardening

with **Kids**

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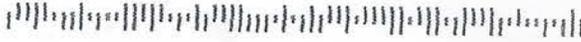
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EAST STROUDSBURG PA 18301-1419

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PLEASE PASS ALONG AND RECYCLE.
THANK YOU!

All purchases support our nonprofit educational programs and grants in schools and communities, nationwide.

Outdoor Garden Sink

Keep dirt outside where it belongs with this rugged Outdoor Garden Sink. Children can wash vegetables, plant seedlings, and do other messy tasks near any convenient hose spigot. The durable workstation contains a 17" x 9" x 5" h basin with a well-designed steel faucet and two fold-out work surfaces that support up to 40 lb. This sink was a huge hit in our test gardens and is a wonderful school garden resource! 22" x 17" x 44" h.

13-1055 Outdoor Garden Sink \$129.95

