

Course Inventory by Vendor

This list is sorted by CASE recommended vendor. Use this materials list to make a classroom inventory for ordering purposes.

Miscellaneous Vendors

| Notes | Qty/ 20 | Qty/ 30 | Unit | Item Specifications | Vendor |
|-------|------------|------------|------|--|--------------------------------|
| | 5 | 8 | Each | Hardwood tree round | Acorn Naturalists or Local |
| | 5 | 8 | Each | Softwood tree round | Acorn Naturalists or Local |
| | 20 | 30 | Each | Pollinator Data Sheet | California Academy of Sciences |
| | 3 | 5 | Set | Pollinator Profile Cards | California Academy of Sciences |
| | 20 | 30 | Set | SAE Idea Cards (optional) | National FFA |
| | 20 | 30 | Each | How to Tie a Halter | Oregon State University |

CASE Store

| Notes | Qty/ 20 | Qty/ 30 | Unit | Item Specifications | Vendor |
|-------|------------|------------|------|-------------------------------|--------|
| | 7 | 10 | Each | Go Direct® link | CASE |
| | 7 | 10 | Each | Go Direct® temperature sensor | CASE |
| | 7 | 10 | Each | Graphical Analysis™ app | CASE |
| | 7 | 10 | Each | Soil moisture sensor | CASE |

Lab-Aids

| Notes | Qty/ 20 | Qty/ 30 | Unit | Item Specifications | Vendor |
|-------|------------|------------|------|-------------------------------|----------|
| | 87 | 147 | Each | Cup, graduated, 30ml | Lab-Aids |
| | 2 | 3 | Each | Fat Testing Solution | Lab-Aids |
| | 10 | 15 | Each | Funnel, small | Lab-Aids |
| | 2 | 3 | Each | Lugol's solution with dropper | Lab-Aids |
| | 20 | 30 | Each | Magnifiers, small | Lab-Aids |
| | 39 | 56 | Each | Pipet, 1ml | Lab-Aids |
| | 2 | 3 | Each | Protein Testing Solution A | Lab-Aids |
| | 2 | 3 | Each | Protein Testing Solution B | Lab-Aids |
| | 10 | 15 | Each | Test tube rack | Lab-Aids |
| | 80 | 120 | Each | Test tube stopper | Lab-Aids |
| | 80 | 120 | Each | Test tubes, small, clear | Lab-Aids |

Local Consumables

| Notes | Qty/ 20 | Qty/ 30 | Unit | Item Specifications | Vendor |
|-------|------------|------------|---------|---|-----------------------|
| | 5 | 8 | Each | Absorption Test Materials (2) • Water source • Food coloring | Local |
| | 7 | 10 | Each | Calendar | Local |
| | - | - | - | Carbon-rich materials • Crushed eggshells • Egg carton strips • Leaves • Sawdust • Shredded newspaper | Local (Teacher Notes) |
| | 1 | 1 | Bag | Cedar woodchips, 8-quart | Local |
| | - | - | - | Cleaning supplies from <i>Activity 7.2</i> • Commercial fruit and vegetable cleaner • Lemon juice • Measuring cup • Measuring spoons • Spray bottles • Vinegar • Wash bowl • Water source | Local (Teacher Notes) |
| | 10 | 20 | Each | Clothing sample | Local |
| | 36 | 55 | Each | Coffee filter | Local |
| | 20 | 30 | Set | Colored pencils | Local |
| | 1 | 1 | Bottle | Corn or soybean oil | Local |
| | 100 | 150 | Each | Corn seed, field or sweet | Local |
| | 2 | 3 | Package | Corn starch | Local |
| | 1 | 1 | Bottle | Corn syrup | Local |
| | 1 | 1 | Gallon | Corn, ground | Local |
| | 1 | 1 | Gallon | Cornstalk, finely ground | Local |
| | 0.5 | 1 | Yard | Cotton fabric | Local |
| | 5 | 8 | Each | Cup, 20 oz | Local |
| | 53 | 77 | Each | Cup, 9 oz | Local |
| | 1 | 1 | Quart | Dry Distillers Grain (DDG) sample | Local |
| | 5 | 8 | Roll | Electrical tape | Local |
| | 1 | 1 | Bag | Garden soil, 1-gallon | Local |
| | 2 | 3 | Bag | Germination media | Local |
| | 40 | 60 | Each | Hairnet | Local |
| | 0.5 | 1 | Yard | Hemp or jute fabric | Local |
| | 20 | 30 | Each | Highlighter | Local |
| | 2 | 3 | Bottle | Hydrogen peroxide, 16 oz | Lab-Aids |
| | 21 | 30 | Each | Index cards, 4"x6" | Local |
| | 0.5 | 1 | Yard | Leather or suede fabric | Local |
| | 0.5 | 1 | Yard | Linen fabric | Local |
| | 4 | 6 | Roll | Masking tape | Local |
| | 10 | 15 | Roll | Masking tape | Local |
| | - | - | - | Materials for construction • Aluminum foil • Cardboard boxes • Plastic wrap • Tape | Local |

| | | | | | |
|--|----|-----|---------|--|-----------------------|
| | 14 | 20 | Quart | Mulch | Local |
| | 20 | 30 | Each | Napkin | Local |
| | 1 | 1 | Each | Newspaper | Local |
| | - | - | - | Nitrogen-rich materials <ul style="list-style-type: none"> • Coffee grounds • Fruit or vegetable scraps • Grass clippings or leaves • Manure • Stale bread | Local |
| | 49 | 70 | Each | Paper plate, 6 inch | Local |
| | 47 | 70 | Each | Paper plate, 8½ inch | Local |
| | 3 | 4 | Roll | Paper towels | Local |
| | 1 | 1 | Bag | Paper, shredded | Local |
| | 5 | 8 | Bale | Peat moss, 1.5 cu feet | Local |
| | 5 | 8 | Bag | Perlite, 8-quart | Local |
| | 10 | 15 | Each | Permanent marker | Local |
| | 1 | 1 | Bag | Pine woodchips, 8-quart | Local |
| | 36 | 54 | Each | Plant label | Local |
| | 29 | 41 | Each | Plastic bag, one-gallon, resealable | Local |
| | 47 | 68 | Each | Plastic bag, one-quart resealable | Local |
| | 21 | 30 | Each | Plastic bag, sandwich size, sealable | Local |
| | 14 | 20 | Each | Plastic bottle, 16 oz | Local |
| | 14 | 20 | Each | Plastic bottle, 1L | Local |
| | 10 | 15 | Each | Plastic container with cover, 280ml | Local |
| | - | - | - | Pollination Materials <ul style="list-style-type: none"> • Wooden skewers • Cotton swabs • Cotton balls • Paintbrush, small | Local |
| | 2 | 3 | Gallon | Polluted water sample <ul style="list-style-type: none"> • Coffee grounds • Food coloring • Glitter • Lemon juice • Soluble fertilizer | Local (Teacher Notes) |
| | 2 | 2 | Bag | Potting soil, 1-gallon | Local |
| | 1 | 1 | Package | Quick-release fertilizer, liquid (Miracle-Gro®), 8 oz | Local |
| | 75 | 120 | Gram | Quick-release fertilizer, soluble (20%N) | Local |
| | - | - | - | Recyclable materials <ul style="list-style-type: none"> • Aluminum cans • Bottles, various sizes • Cardboard • Food scraps • Milk jugs | Local (Teacher Notes) |
| | - | - | - | Recyclable materials <ul style="list-style-type: none"> • Aluminum cans • Bottles, various sizes • Cardboard • Food scraps • Milk jugs | Local (Teacher Notes) |
| | 20 | 30 | Each | Recycled container | Local |
| | - | - | - | Refrigerator and freezer space | Local |
| | - | - | - | Reusable filter materials <ul style="list-style-type: none"> • Coffee filters | Local (Teacher Notes) |

| | | | | | |
|--|-----|-----|--------|---|-------|
| | | | | <ul style="list-style-type: none"> • Cotton balls or sponges • Loofa or tulle • Pony beads • Steel wool | |
| | 3 | 4 | Box | Rock salt, 4 lb. | Local |
| | 10 | 15 | Each | Ruler, English and metric | Local |
| | 0.5 | 1 | Bag | Sand, 0.5 ft ³ | Local |
| | 2 | 3 | Sheet | Sandpaper, 80-grit | Local |
| | 1 | 1 | Bag | Shredded newspaper bedding, 50-liter | Local |
| | 0.5 | 1 | Yard | Silk fabric | Local |
| | 75 | 120 | Gram | Slow-release fertilizer (20%N) | Local |
| | 2 | 4 | Bottle | Slow-release fertilizer, pelleted (Osmocote®), 453g | Local |
| | 1 | 1 | Can | Spray paint, black | Local |
| | .25 | 0.5 | Bale | Straw | Local |
| | 5 | 8 | Bag | Vermiculite, 8-quart | Local |
| | 3 | 4 | Each | Wash sink | Local |
| | - | - | - | Water source | Local |
| | - | - | - | Water, cold | Local |
| | 4 | 7 | Gallon | Water, distilled | Local |
| | 1 | 2 | Gallon | Water, drinking | Local |
| | 3 | 3 | Each | Watering can | Local |
| | 1 | 1 | Bag | Wood pellet bedding, 5-liter | Local |
| | 15 | 20 | Ounce | Wood pellet fuel | Local |
| | 0.5 | 1 | Yard | Wool fabric | Local |

Local Equipment

| Notes | Qty/ 20 | Qty/ 30 | Unit | Item Specifications | Vendor |
|-------|------------|------------|------|--|-----------------|
| | 7 | 10 | Each | Bowl with lid, large | Local Equipment |
| | 7 | 10 | Each | Bowl, 20 oz | Local Equipment |
| | 20 | 30 | Each | Bowl, dessert | Local Equipment |
| | 5 | 8 | Each | Bucket, 1-gallon | Local Equipment |
| | 1 | 2 | Each | Bucket, metal with water | Local Equipment |
| | 7 | 10 | Each | Butane torch | Local Equipment |
| | 20 | 30 | Each | Calculator | Local Equipment |
| | 5 | 8 | Each | Chisel, small | Local Equipment |
| | 12 | 24 | Each | Clothespin | Local Equipment |
| | 5 | 8 | Each | Cushioning Test Materials <ul style="list-style-type: none"> • Free weight • Rock • Small flat stock metal • Ruler, metric | Local Equipment |
| | 7 | 10 | Each | Cutting board | Local Equipment |
| | 7 | 10 | Each | Device with timer | Local Equipment |
| | 2 | 3 | Each | Dish, small | Local Equipment |
| | 1 | 1 | Each | Drill | Local Equipment |
| | 1 | 1 | Each | Drill bit, ¼" | Local Equipment |
| | 40 | 60 | Each | Drink glass | Local Equipment |
| | - | - | - | Equipment matching <i>Activity 6.5</i> (optional) | Local Equipment |
| | 1 | 1 | Each | Fabric scissors | Local Equipment |
| | 20 | 30 | Each | Fork, dinner | Local Equipment |

| | | | | | |
|--|-----|-----|------|--|-----------------|
| | 7 | 10 | Each | Fork, plastic | Local Equipment |
| | 20 | 30 | Each | Fork, salad | Local Equipment |
| | 7 | 10 | Each | Garden trowel | Local Equipment |
| | 7 | 10 | Each | Germination heating mat (optional) | Local Equipment |
| | 14 | 20 | Each | Glass jars with lids, quart-sized | Local Equipment |
| | 7 | 10 | Pair | Gloves, leather | Local Equipment |
| | 5 | 8 | Each | Hammer | Local Equipment |
| | 5 | 8 | Each | Heating pad or another heat source | Local Equipment |
| | 3 | 4 | Each | Hot hand protector | Local Equipment |
| | 10 | 15 | Each | Hot pad or hot hand protector | Local Equipment |
| | 3 | 3 | Each | IR Thermometers | Local Equipment |
| | 1 | 1 | Each | Journey 2050 Teacher Account | Local Equipment |
| | 47 | 70 | Each | Knife, butter | Local Equipment |
| | 7 | 10 | Each | Knife, cutting | Local Equipment |
| | 7 | 10 | Each | Knife, plastic | Local Equipment |
| | 1 | 1 | Each | Knife, utility, and mat for cutting leather or suede | Local Equipment |
| | 7 | 10 | Each | Mason jars, one-pint | Local Equipment |
| | 7 | 10 | Set | Measuring cup | Local Equipment |
| | 7 | 10 | Each | Measuring cup, liquid, glass, 4 cup | Local Equipment |
| | 7 | 10 | Set | Measuring spoon | Local Equipment |
| | 7 | 10 | Each | Mesh strainer, 30-60 mesh | Local Equipment |
| | 1 | 1 | Each | Microwave | Local Equipment |
| | 14 | 20 | Each | Mixing bowl, medium | Local Equipment |
| | 7 | 10 | Each | Muffin pans, 6 count, or bread pans | Local Equipment |
| | 1 | 1 | Each | Oven | Local Equipment |
| | 3 | 4 | Each | Pan, small | Local Equipment |
| | 180 | 270 | Each | Paper clips, large | Local Equipment |
| | 300 | 450 | Each | Paper clips, small | Local Equipment |
| | 20 | 30 | Each | Plate, bread | Local Equipment |
| | 20 | 30 | Each | Plate, dinner | Local Equipment |
| | 20 | 30 | Pair | Scissors | Local Equipment |
| | 7 | 10 | Each | Soup can, empty | Local Equipment |
| | 4 | 6 | Each | Sponge | Local Equipment |
| | 7 | 10 | Each | Spoon, large | Local Equipment |
| | 47 | 70 | Each | Spoon, metal | Local Equipment |
| | 63 | 90 | Each | Spoon, plastic | Local Equipment |
| | 14 | 20 | Each | Spray bottle | Local Equipment |
| | 7 | 10 | Each | Tape measure | Local Equipment |
| | - | - | - | Tools • Box cutter • Duct tape • Hammer • Hole punch • Hot glue gun with sticks • Ruler • Scissors • Tin snips | Local Equipment |
| | - | - | - | Tools for construction • Box cutter • Glue sticks • Hot glue gun • Scissors | Local Equipment |
| | 7 | 10 | Each | Towel | Local Equipment |

| | | | | | |
|--|---|---|------|----------------------------------|-----------------|
| | 2 | 3 | Each | Toy stuffed animal, cow or horse | Local Equipment |
| | 1 | 2 | Each | Utility lighter | Local Equipment |

Local from APPs

| Notes | Qty/ 20 | Qty/ 30 | Unit | Item Specifications | Vendor |
|-------|------------|------------|---------|--|-----------------|
| | 14 | 20 | Cup | All-purpose flour from <i>Activity 7.1</i> | Local from APPs |
| | 5 | 8 | Package | Cucumber seedling from <i>Project 1.3</i> | Local from APPs |
| | 5 | 8 | Gallon | Media mixed in <i>Activity 2.3</i> | Local from APPs |
| | 5 | 8 | Set | Seedling from <i>Project 1.3</i> | Local from APPs |
| | 1 | 1 | Cup | Soil media from <i>Activity 2.2</i> | Local from APPs |

Local Fresh Groceries

| Notes | Qty/ 20 | Qty/ 30 | Unit | Item Specifications | Vendor |
|-------|------------|------------|---------|--|-----------------------|
| | 6 | 12 | Each | Apple | Local Fresh Groceries |
| | 1 | 1 | Box | Baking powder | Local Fresh Groceries |
| | 1 | 1 | Box | Baking soda | Local Fresh Groceries |
| | 1 | 2 | Loaf | Bread, white | Local Fresh Groceries |
| | 1 | 2 | Loaf | Bread, whole-wheat | Local Fresh Groceries |
| | 4 | 5 | Stick | Butter, softened | Local Fresh Groceries |
| | 7 | 10 | Cup | Buttermilk | Local Fresh Groceries |
| | 5 | 8 | Each | Chocolate bar, large | Local Fresh Groceries |
| | 1 | 1 | Can | Cooking spray | Local Fresh Groceries |
| | - | - | - | Cucumber | Local Fresh Groceries |
| | 22 | 35 | Each | Cucumber, medium | Local Fresh Groceries |
| | 7 | 10 | Each | Egg | Local Fresh Groceries |
| | 5 | 8 | Bunch | Fill • Twigs • Baby's Breath | Local Fresh Groceries |
| | 5 | 8 | Bunch | Flowers, 12 per bunch | Local Fresh Groceries |
| | 3 | 5 | Set | Fresh flowers, 6 different species | Local Fresh Groceries |
| | 1 | 2 | Box | Graham crackers | Local Fresh Groceries |
| | 6 | 12 | Each | Grape | Local Fresh Groceries |
| | 5 | 8 | Bunch | Greenery • Leatherleaf • Ruscus • Ferns | Local Fresh Groceries |
| | 7 | 10 | Cup | Heavy whipping cream | Local Fresh Groceries |
| | - | - | - | Herbs, spices, peppers | Local Fresh Groceries |
| | 1 | 1 | Each | Honey | Local Fresh Groceries |
| | 28 | 40 | Cup | Ice | Local Fresh Groceries |
| | 1 | 1 | Bottle | Lemon juice, small | Local Fresh Groceries |
| | - | - | - | Lettuce | Local Fresh Groceries |
| | 6 | 12 | Each | Lettuce leaves | Local Fresh Groceries |
| | 1 | 2 | Each | Marshmallows, large | Local Fresh Groceries |
| | 4 | 8 | Jars | Pickles, four different varieties | Local Fresh Groceries |
| | - | - | - | Radish | Local Fresh Groceries |
| | 6 | 12 | Each | Radish | Local Fresh Groceries |
| | 2 | 3 | Package | Red fish candy | Local Fresh Groceries |
| | 2 | 2 | Package | Salt, 1 lb. | Local Fresh Groceries |
| | 6 | 12 | Each | Strawberry | Local Fresh Groceries |
| | 2 | 2 | Package | Sugar, 4 lb. | Local Fresh Groceries |
| | 1 | 1 | Bottle | Vanilla flavoring | Local Fresh Groceries |

| | | | | | |
|--|-----|-----|---------|---------------------------------|-----------------------|
| | 3 | 5 | Bottle | Vinegar, distilled white, 32 oz | Local Fresh Groceries |
| | 1 | 2 | Gallon | Whole milk | Local Fresh Groceries |
| | 0.5 | 0.5 | Pound | Worm, red wiggler | Local Fresh Groceries |
| | 2 | 3 | Bottle | Yeast, 4 oz | Local Fresh Groceries |
| | 2 | 3 | Package | Yellow fish cracker | Local Fresh Groceries |

Local Amazon

Items available in the [CASE AgX Wishlist](#) on Amazon.

| Notes | Qty/ 20 | Qty/ 30 | Unit | Item Specifications | Vendor |
|-------|------------|------------|--------|---|--------------|
| | 1 | 1 | Bag | Beeswax pellets, 2 lb. | Local Amazon |
| | 1 | 1 | Bottle | Cocoa or shea butter, 14oz | Local Amazon |
| | 1 | 1 | Bottle | Coconut oil, 14 oz | Local Amazon |
| | 7 | 10 | Each | Coffee grinder | Local Amazon |
| | 7 | 10 | Bottle | Commercial fruit and vegetable wash | Local Amazon |
| | 20 | 30 | Each | Container, 1 oz | Local Amazon |
| | 5 | 8 | Each | Electronic balance | Ward's |
| | 1 | 1 | Bottle | Firestarter gel | Local Amazon |
| | 7 | 10 | Each | Garden planter with trellis | Local Amazon |
| | 7 | 10 | Each | Grow light | Local Amazon |
| | 1 | 1 | Each | Hand mill (optional) | Local Amazon |
| | 5 | 10 | Pound | Hard red wheat or hard white wheat, untreated | Local Amazon |
| | 1 | 2 | Bottle | Lanolin, 7 oz | Local Amazon |
| | 20 | 30 | Each | Leather key fob | Local Amazon |
| | 8 | 12 | Each | Leatherworking mallet | Local Amazon |
| | 2 | 3 | Each | Leatherworking stamp set | Local Amazon |
| | 4 | 6 | Bottle | Nitrate and Nitrite test strips, WaterWorks™ (Part Number 480009) | Local Amazon |
| | 12 | 18 | Each | Plant tray | Local Amazon |
| | 35 | 56 | Each | Pot, 4" standard | Local Amazon |
| | 20 | 30 | Each | Rope, 1/2" wax covered, nylon twisted, 10' lengths | Local Amazon |
| | 7 | 10 | Set | Seed packet, cucumber, 5 varieties | Local Amazon |
| | 7 | 10 | Set | Seed packet, lettuce, 5 varieties | Local Amazon |
| | 7 | 10 | Set | Seed packet, radish, 5 varieties | Local Amazon |
| | 21 | 30 | Each | Seed starter kit, 12-cell | Local Amazon |
| | 5 | 10 | Pound | Soft red wheat or soft white wheat, untreated | Local Amazon |
| | 7 | 10 | Each | UV light | Local Amazon |
| | 1 | 1 | Bottle | Vitamin E oil, 4 oz | Local Amazon |

Ward's Science+

| Notes | Qty/ 20 | Qty/ 30 | Unit | Item Specifications | Vendor |
|-------|------------|------------|--------|---------------------|--------|
| | 1 | 1 | Bottle | Amylase solution | Ward's |
| | 1 | 2 | Each | Beaker tongs | Ward's |
| | 10 | 15 | Each | Beaker, 100ml | Ward's |
| | 5 | 8 | Each | Beaker, 1L | Ward's |
| | 10 | 15 | Each | Beaker, 250ml | Ward's |
| | 7 | 10 | Each | Beaker, 600ml | Ward's |
| | 20 | 30 | Each | Dropper | Ward's |

| | | | | | |
|--|-----|-----|--------|------------------------------|--------|
| | 20 | 30 | Each | Forceps | Ward's |
| | 1 | 1 | Bottle | Glo Germ™ | Ward's |
| | 214 | 320 | Pair | Gloves, disposable | Ward's |
| | 7 | 10 | Each | Graduated cylinder, 100ml | Ward's |
| | 3 | 4 | Each | Hot plate | Ward's |
| | 7 | 10 | Each | Iron wire | Ward's |
| | 20 | 30 | Each | Laboratory apron or coat | Ward's |
| | 7 | 10 | Each | Ring stand | Ward's |
| | 14 | 20 | Each | Ring, 10cm | Ward's |
| | 7 | 10 | Each | Rinse bottle | Ward's |
| | 20 | 30 | Pair | Safety glasses | Ward's |
| | 7 | 10 | Each | Single-hole stoppers, size 6 | Ward's |
| | 10 | 15 | Each | Stirring rod, glass 8" | Ward's |
| | 7 | 10 | Each | Utility clamp | Ward's |
| | 15 | 23 | Each | Weigh dish, 140mm x 22mm | Ward's |