

The Carbon TIME project, Michigan State University, and BSCS is in no way endorsing any particular vendor or product in this list. This list is to be used as an example for types of products, locations, and vendors for where these supplies MAY be purchased. Teachers are encouraged to shop for supplies from stores and vendors which best suit their needs.

| Unit | Name of item | Suggested Vendors | Link | Cost per item | Item description | Suggested Amount |
|--------------------------|--|--|--|---|--|--|
| Multi-unit | | | | | | |
| | Digital balance | Amazon--sample search words: digital scale 0.01g, pocket scale 0.01g American Weigh | http://www.amazon.com http://www.americanweigh.com/product_info.php?cPath=60&products_id=3281 | \$5-15 (dependent on availability) \$32.95 | sensitive to 0.01g, to at least 200g. | 1 (per group of 4 students within one class period) |
| | Molecular unit model kit | Lab Aids | https://www.lab-aids.com/kits-and-modules/details/molecules-of-life-modeling | \$108.95 | Item #505 | 1 kit, plus extra oxygen |
| | Twist ties | Uline | http://www.uline.com/BL_3154/Paper-Colored-Twist-Ties-Precut | \$8.00 | yellow | 1 box of 2000 |
| | Bromothymol Blue | Carolina Biological | http://www.carolina.com/specialty-chemicals-b-c/bromthymol-blue-004-aqueous-laboratory-grade-500-ml/849165.pr?catId=&mCat=&sCat=&ssCat=&question=bromothymol+blue%2C+0.04% | \$6.25 | 0.04% Aqueous, Laboratory Grade, 500 ml | 1 bottle |
| | Aluminum foil | Local grocery store | | About \$10 | 250 sq. foot roll | 1 |
| | Masking tape | Local store | | About \$2-4 | 3/4 inch, 60 yards | 1 |
| | Markers | Local store | | About \$1 per marker | Permanent Fine point markers, Black, Sharpie | 1 (per group of 4 students within one class period) |
| | Plastic petri dishes | Carolina Biological Ward's Scientific | http://www.carolina.com/lab-dishes/petri-dishes-polystyrene-disposable-sterile-100-x-15-mm-pk-20/741250.pr?question=petri+dish+plastic https://www.wardsci.com/store/catalog/product.jsp?catalog_number=6430501 | \$5.95 \$7.70 | Pack of 20 Polystyrene, Disposable, Sterile, 100 x 15 mm Pack of 25 Polystyrene, Disposable, Sterile, 100 x 15 mm | 1 (per student across all class periods) |
| | Smaller ziploc containers (mealworms/decomposers)/ snapware | Local grocery store, Target, Walmart, etc. | http://www.ziploc.com/Products/Pages/ContainersSmartSnapSeal.aspx?SizeName=Large%20Rectangle%20-%2076%20ounces | \$2-3 | large rectangle 76 fl oz., 9.5 cups | 1 (per group of 4 students across all class periods) |
| | Ziploc bags | Local grocery store, Target, Walmart, etc. | | varies | Quart | 1 (per group of 4 students within one class period) |
| | Post it sticky notes | Local store | http://www.post-it.com/wps/portal/3M/en_US/PostitNA/Home/Products~/Post-it-Super-Sticky-Notes-3-in-x-3-in-Canary-Yellow-12-Pads-Pack?N=3294644044+4327&rt=rud | About \$15 for 12 pack | 3 x 3 " | 5 per class period |
| Systems and Scale | | | | | | |
| | Ethanol | Local drug store Carolina Biological (please note that you may only ship this item to schools, and not a residential address) | http://www.carolina.com/product/861261.do | \$8.15 | 95% lab grade-500 ml 200 proof | 1 |
| | Glass petri dishes | Carolina Biological | http://www.carolina.com/lab-dishes/pyrex-petri-culture-dish-100-x-15-mm/741158.pr?question=Petri | \$6.85 | 100 x 15 mm Pyrex Petri Culture Dish, Glass | 1 per class |
| | Soda water | Local grocery store | | \$1-2 | 1 L | 1 |
| | Multi Purpose Lighter | Local grocery store, Target, Walmart, etc. | http://www.grillwithbic.com/products/product_range.asp | \$2-5 | Long, handle lighter | 1 |
| | Large clear snapware container (bigger for plants/burning ethanol) | Local Walmart, Meijer, some grocery stores | | \$8-12 | 29 cup with handle | 1 (per group of 4 students within one class period) |

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| | | World Kitchen | http://www.shopworldkitchen.com/storage-food/1098436.html | \$12.99 | | |
| | Safety Glasses | | | | | 1 per student |
| | Straws | | | | | 1 per group of 4 students |
| | (Optional) Bromothymol Blue - Yellow | | | | | <1 cup per group |
| | Sealable 9.5 cup container | | | | | 1 per 4 |
| | Clear cups | | | | | 1 |
| Plants | | | | | | |
| | Plant gel | Online only? | http://www.seedman.com/plantge.htm http://www.hometrainingtools.com/polyacrylamide-waterless-crystals | 3.95 or \$4.65 | 18 grams gel crystals or larger 50 gram? Pack | Need 12 grams per 30 test tubes. |
| | Radish or Lettuce seeds | Gardening store | | \$1.99 or less | Romaine/early harvest radish | 1-2 seeds per student |
| | Test tubes | VWR 89000-488 60815-160 | https://us.vwr.com/store/catalog/product.jsp?product_id=4673912 | \$530 for 576, \$100 for 72 (+ substantial MSU discount) | 37 mL test tubes | 1 tube per student or per group of students |
| | | Amazon | http://www.amazon.com/Pack-20x150mm-Pyrex-Glass-Marking/dp/B001DBF60E | \$12.50 for 6 | 37 mL test tubes | 1 tube per student or per group of students |
| | Test tube rack | Amazon | http://www.amazon.com/Frey-Scientific-No-Wire-Autoclavable-Polypropylene/dp/B00FGDU3BM/ref=sr_1_13?ie=UTF8&qid=1437567767&sr=8-13&keywords=test+tube+racks | \$12.00 for 21 tubes | Frey Scientific No-Wire Autoclavable Polypropylene Test Tube Rack for 30mm Tube, 21 Well | About 2 racks per class |
| | | VWR 89498-046 | https://us.vwr.com/store/catalog/product.jsp?catalog_number=89498-046 | \$18 for 24 tubes | Snap Racks for 30 mm Tubes, Globe Scientific | About 2 racks per class |
| | Ionic grow paper bags | HTG | http://www.htgsupply.com/Product-Ionic-Grow | 18.95 | 8 oz | 1 |
| | | Webstaurantstore | http://www.webstaurantstore.com/2-lb-white-paper-bag-500-bundle/433W2BG.html?utm_source=Google&utm_medium=cpc&utm_campaign=GoogleShopping&gclid=CjwKEAjwg_afBRD3rpChlqikt1ESJACwY6Nk009ZQSUI3ijW4P6XSBrUUuLoWlxC3Zus51lg6UgRoCMJDw_wcB | 7.49 for lots of 12 | 2lb bag | 1 (per planting container) |
| | Grow light | HTG, Hydroponics/grow supply store, Amazon (key words grow light, fluorescent) | http://www.htgsupply.com/Product-GrowBright-2-Foot-4-Lamp-High-Output-T5-With-Choice-of-Bulbs | \$119.95 | 2' x 4', 4 bulbs. Should also order light rack for \$24.95 | 1 |
| | Large clear snapware container | Local Walmart, Meijer, some grocery stores | | \$8-12 | 10 x 8.5 x 6.75 | 1 per class period (demo) |
| | | World Kitchen | http://www.shopworldkitchen.com/storage-food/1098436.html | \$12.99 | | |
| | Labels | | | | | 1 (per 4, for plant labeling) |
| | (Optional) Fresh Carrot | | | | | 1 per class |
| | (Optional) Sponge | | | | | 1 per class |
| | Bromothymol Blue - Yellow | | | | | 1 petri dish per 4 |
| Animals | | | | | | |
| | Mealworms/meal | Pet supply stores, Rainbow Mealworms | http://www.rainbowmealworms.net/giant-mealworms-in-bulk/ | \$8.00 | 1000 medium mealworms | 150 (per group of 4 students across all class periods) |
| | Potatoes | Local grocery store | | | | 0.25 potato |

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| | Container (To hold Mealworms) | Local grocery store | | | | 1 per 4 |
| Decomposers | | | | | | |
| | Bread | Local grocery store | Panera is a good choice. Anything without lots of preservatives | | | 4 (1 slice per petri dish) |
| | Labels | | | | | 4 (per 4 petri dishes) |
| | Squirt bottle | | | | | 1 (per 4 to mist the sample) |
| | Carbon Dioxide Probe | | | | | 1 (per 4 dishes) |
| | Coverslip | | | | | 1 (per group of 4) |
| | Dropper | | | | | 1 (per group of 4) |
| | Hand lens or microscope | | | | | 1 (per group of 4) |
| | Small containers or chambers for probe | | | | | 1-3 (per group of 4) |
| | Sugar | | | | | 1 tsp (per 4) |
| Ecosystems | | | | | | |
| | Dice | Amazon | http://www.amazon.com/Hundred-Sided-Gaming-Perfect-Games/dp/B000QDFQNW/ref=sr_1_1?ie=UTF8&qid=1342551158&sr=8-1&keywords=dice | 17.99 | | 100 1 per student (within one class period) |
| | Scotch removable tape | Office supply stores | Office depot | \$3.50 | Scotch 224 Removable Tape, 3/4" x 650 | |
| | | Amazon | | | | |
| | Scissors | Local grocery and supply stores | | \$7.00 per | | 1 per student or per group |