



Yearly Supplies Starter List

This list includes enough supplies for:

- 1 class (approx. 24 students per class).
- 6 small groups per class.
- **Items in red are Non-replenishable.**

Note: we provide sample links to provide an example of each item, but any vendor works fine.

Item	Quantity	Amazon Link	Cost
10 oz. clear plastic cups	3 packs of 36	Solo Clear 10 Ounce Plastic Cups, 36 Count	\$12.15
1 gallon baggies	6 baggies	Ziploc Gallon Food Storage Slider Bags, 32 Count	\$5.99
2 gallon baggies	7 baggies	Ziploc Two Gallon Food Storage 10 Count	\$5.99
3" styrofoam balls	6 balls	6 pcs White Poly Craft Foam 3 Inch Ball,	\$8.47
3 oz. clear plastic cups	52 cups	Clear Plastic cups (100 Pack)	\$6.99
4 oz. clear plastic cups (with lids)	12 cups	Comfy Package [50 Sets] 4 oz. Plastic Portion Cups With Lids, Souffle Cups, Condiment Cups	\$7.99
Aluminum foil	1 roll	Reynolds Wrap Aluminum Foil 1 CT	\$2.79
Aluminum Tray	7 trays	MontoPack Aluminum Foil Pans Half Size Roasting Chafing Pan Bulk 10 Pack	\$9.99
Baker's yeast	3 packs	1 Strip of 3 Baker's Corner Active Dry Yeast	\$4.00
Baking soda	1 box	365 by Whole Foods Market, Baking Soda, 16 Ounce	\$0.99
Bottled water (for Unit 3)	3 bottles	Pure Life 571863 Nestle Pure Life Water 16.9 Oz. (24 Count)	\$13.99
Crayola markers	6 packs	Crayola Broad Line Markers, Classic Colors 10 Each (Pack of 6)	\$17.75

Distilled water	1 bottle	Pure Life Distilled Water, 1-Gallon	\$2.26
Earth materials (Unit 3)	6 bags (assembled by teacher)	3LB Succulent and Cactus Bonsai Gritty Mix Rocks	\$13.98
Electronic scales	6 scales	Greater Goods Gray Food Scale (1 count)	\$9.99 x 6 = \$59.94
Fairy shrimp eggs	3 packets	Fairy Shrimp Sirindhornae Eggs Live Fish Food for Hatching and Culture Suitable for Feed Betta Fish	\$13.99
Feathers	2 feathers	Colorful Goose Feathers for Crafts - 120Pcs	\$6.74
Flashlights	6 ct	Flashlight 6-Pack	\$15.99
Food coloring	1 pack	Food Colors Red Blue Green Yellow - 4 Color	\$4.90
Graduated cylinders	6 ct	6Pack Plastic Graduated Cylinder 250 ml Transparent Measuring Cylinder Set.	\$19.99
Grape-sized ball of clay	6 ct	Play-Doh Party Pack 10 1oz Cans of Assorted Color	\$9.98
Hand lens	6 ct	hand2mind Mini Plastic Handheld Magnifying Glasses (Pack of 10)	\$10.99
Hangers (Unit 4: Falling Star Mobile)	2 ct	WOOLITE Swivel Neck 5 Pack in Grey Hangers Gray	\$8.86
Lamp	1 ct	Lamps Table Lamp Base	\$13.99
Light bulbs	1 ct	Light bulb (1 pack)	\$8.85
Light meters	1 ct	Leaton Digital Luxmeter Digital Illuminance Light Meter	\$12.96
Magnet wand	6 ct	United Scientific™ STEM Magnetic Wands - 6 Pieces.	\$13.85
Manila folders	6 ct	BAZIC Manila File Folder 1/3 Cut Letter Size, Total 6-Count	\$3.99
Masking tape	2 rolls	Lichamp 2 Pack Orange Painters Tape 1 inch, Orange Masking Tape 1 inch x 55 Yards x 2 Rolls (110 Total Yards)	\$7.99
Mason jars	7 jars	Bormioli Rocco Fido Glass Canning Jar - 2 Liter, Clear	\$16.43 x 7 = \$115.01
Paper plates	6 plates	Paper Plates 9 Inches, 20 Pack	\$4.49

Pipettes	36 ct	50PCS Plastic Disposable Transfer Pipettes, 3ml	\$4.99
Plastic spoons	1 bundle of 30	Kitchen Selection White Plastic Teaspoons (Pack Of 50)	\$2.70
Quart plastic bags	24 bags	Ziploc Gallon Food Storage Freezer Bags, New Stay Open Design with Stand-Up Bottom, Easy to Fill, 28 Count	\$5.99
Rock salt	1 baggie	Tidemans Rocks Salt 17.63oz	\$12.00
Safety goggles	30 pairs	Safety Goggles, Small, Assorted Colors, Value Pack of 10	\$38.70
Sand	6 baggies (3 cups of sand per baggie)	Natural Sand (Refill Pack), Light Brown	\$11.50
Seeds (any kind, but mung bean work well)	100 seeds	Mung Bean Sprouting Seeds – 16 Oz	\$13.00
Soil	1 bag of 12 cups of soil (Unit 1 & 2)	Miracle-Gro Potting Mix, 8 qt. (2 Pack)	\$15.37
Sticker dots	6 sheets	600 Pack, 1" Round Colored Dot Stickers Labels - 6 Colors	\$5.49
Sticky notes	1 pack of 24	(24 Pads) Sticky Notes 3x3 in	\$7.97
Streak plates	6 ct	hand2mind White Streak Plates (pack of 10)	\$14.23
String	1 ct	Hemptique Cotton Baker's Twine Spool 2 Ply, 410-Feet, Light Blue	\$6.49
Sugar	1 can	Domino Premium Pure Cane Granulated Sugar with Easy Pour Recloseable Top 16 oz. (Pack of 1)	\$7.38
Syringes	6 ct	6 Pack 20ml Plastic Syringe with 6 caps, Large syringes without needle	\$5.99
Tarp	1 ct	Disposable Table Cloth - 10 Pack	\$12.99
Tongs	12 ct	Plastic Serving Tongs, 12 Pack	\$13.98
Toothpicks	20 ct	Wood Toothpicks, 360 pieces	\$5.24
Vegetable oil	1 bottle	Crisco Pure Vegetable Oil, 16 Fluid Ounce	\$3.24
Total			\$645.05

Optional Items:

Item	Quantity	Amazon Link	Cost
Agar plates (Optional)	6 plates	Agar Plates and Cotton Swabs (10 count)	\$19.95
Antiseptic wipes (Optional)	6 wipes	Antiseptic Towelettes. Individually Wrapped, 1 Box of 100	\$6.62
Cotton swabs (2 in one pack) (Only if doing the optional Agar plates)	4 packs of 2 ct each	Cotton-Tipped Wood Applicators (200 pack)	\$8.99
Chart paper	2 packs	Post-it Easel Pad, 20 in x 23 in, White, 20 Sheets/Pad, 2 Pads/Pk	\$41.53
Colored pencils (12 ct)	6 packs	Color Pencils (12 Ct) (6 pack)	\$13.43
Crayons (24 ct)	6 packs	Crayola Crayons 24 In A Box (Pack of 6)	\$14.99
Clorox Wipes	1 box	Lysol Disinfectant Wipes	\$3.47
Disposable face masks	1 box	Premium Pack of Children's Size Disposable Kids Face Mask (100 pack)	\$9.99
Falling star pieces + Rocks Mix (Unit 4) - Falling Stars - Rocks 1: DomeStar Black Fake Ice Rocks - Rocks 2: Minerals & Geodes - Rocks 3: Natural Black River Rocks (Only if doing the Falling stars)	6 bags of assorted pieces (assembled by teacher)	Falling Star: DANCING BEAR Meteorite from Space, 5 pcs (Need 6 packs) (\$101.7) Rocks 1: DANCING BEAR Meteorite from Space, 5 pcs (\$6.99) Rocks 2: DANCING BEAR Rock, Mineral & Geodes Treasure Hunt Activity Kit (200 Pc Set) (\$24.95) Rocks 3: Stones for Plants, 3LB Smooth Natural Black River Rocks (\$13.98)	\$147.62

Meter sticks (Optional)	6 meter sticks	(Pack of 10) 39" Wood Double-Sided Meter Stick Yardstick/Meterstick	\$30.00
Permanent marker pack (variety)	1 pack of 12	SHARPIE Permanent Markers, Fine Point, Assorted Colors, 36 Count	\$25.19
Plastic gloves	1 box of 100 ct	Schneider Clear Vinyl Exam Gloves, Latex-Free, Disposable Medical Gloves, (100 ct)	\$6.97
Paper towels	1 roll	365 by Whole Foods Market, Paper Towels Jumbo Roll, 135 Count	\$2.29
Rulers	6 ct	Ruler Plastic Rulers - Ruler 12 inch (7 pack)	\$4.99
Scented material (Optional)	1 bottle	Febreze Odor-Fighting Air Freshener, Bora Bora Waters, 8.8 fl oz	\$3.99
Trash bags (Only if doing the optional Agar plates)	1 bag	Hefty Ultra Strong Tall Kitchen Trash Bags, Blackout, Clean Burst, 13 Gallon, 40 Count	\$8.54
Total			\$348.56

Items needed that are NOT included in the supply list:

- Cookies (6) (for Unit 1 Crush investigation)
- Garbage (to sort for Unit 1)
- Pieces of banana and orange (for Unit 1 Landfill Bottle Investigation)
- Soda cans (6) (emptied and cleaned – for Unit 1 Crush Investigation)
- Water supply

Unit 1 Supplies Organized by Replenishable vs. Non-Replenishable

Replenishable Supplies

- 10 oz clear plastic cups (2 bags, 72 total)
- 4 oz clear plastic cups with lids (12)
- Aluminum foil (1 roll)
- Antiseptic wipes (6)
- Baking soda (1 box)
- Chart paper (1 pad)
- Cotton swabs (4 packs, 2 ct. ea.)
- Disposable face masks (1 box, 50 ct.)
- Gallon plastic bags (6)
- Markers (6 packs of 10 ct. ea.)
- Masking tape (1 roll)
- Paper towels (1 roll)
- Pencils (1 pack of 30)
- Permanent markers (12 of assorted colors)
- Plastic gloves (1 box, 100 total)
- Plastic spoons (1 bundle of 30)
- Quart plastic bags (12)
- Rock salt (1 class bag, 6 spoonsful/bag)
- Soil (1 bag, 6 cups total)
- Sticky note pads (12 pads)
- Sugar (1 canister)
- Tarp (1)
- Trash bags (1)
- Tongs (1 pack of 12)

Non-Replenishable Supplies

- Agar plates (6)
- Electronic scales (6)
- Graduated cylinders (6)
- Large mason jars (7)
- Syringes (6)
- Safety goggles (30 -- 1 per student)

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Unit 2 Supplies Organized by Replenishable vs. Non-Replenishable

Replenishable Supplies

- 10 oz. clear plastic cups (1 bag, 50 ct.)
- Baker's Yeast (to feed fairy shrimp) (3 packs)
- Chart Paper (1 pad)
- Fairy shrimp eggs (see <http://www.arizonafairyshrimp.com/> for an example of where to buy fairy shrimp eggs) (3 packets)
- Masking Tape (1 roll)
- Paper Towels (1 roll)
- Pipettes (6)
- Plastic Bags (quart size work well) (12)
- Seeds (any kind) (100)
- Soil (1 bag, 6 cups/bag)
- Sticker Dots (6 sheets)
- Sticky Notes (6 pads)
- String (1 roll)

Non-Replenishable Supplies (re-used from Unit 1)

- Hand Lens (6)
- Markers
- Large Mason Jars (the landfill bottle from Unit 1; wash thoroughly before using for the fairy shrimp) (7)
- Pencils
- Permanent Markers
- Syringe (6)

Unit 3 Supplies Organized by Replenishable vs. Non-Replenishable

Replenishable Supplies

- 2-Gallon sized baggies (7)
- Aluminum trays (7)
- Food coloring (1 pack)
- Bottled water (3 bottles)
- Chart paper (1 pad)
- Clear plastic cups, 3 oz. (50)
- Pencils (1 pack, 26 ct.)
- Pipettes (30)
- Plastic lids (18)
- Sand (6 baggies, 3 cups per baggie)
- Vegetable oil (1 bottle)

Replenishable Supplies (from Units 1 + 2)

- Aluminum foil (1 roll)
- Distilled water (1 quart)
- Markers (6 packs)
- Permanent markers (12)
- Plastic cups, any size (1 pack)
- Sticky notes (6 pads)
- Spoons (1 spoon)

Non-Replenishable Supplies

- Graduated cylinder (6)
- Hand lens (6)
- Mason jars (1)
- Safety goggles (30)
- Rocks (6 baggies, $\frac{1}{4}$ cup per baggie)

Unit 4 Supplies Organized by Replenishable vs. Non-Replenishable

Replenishable Supplies

- 3" Styrofoam balls (6)
- Colored string/yarn (1 ball)
- Grape-sized ball of clay (6)
- Manila folders (6)
- Paper plates (6)
- Pencils (1 pack, 26 ct.)
- Star outline handouts (6)
- Streak plates (6)
- Toothpicks (20)

Replenishable Supplies from Unit 1, 2, and/or 3

- Chart paper (1 pad)
- Sticky notes (6 pads)
- Masking tape (1 roll)

Non-Replenishable Supplies

- Bag of falling star pieces and rocks (6)
- Compass (1)
- Feathers (2)
- Flashlights (6)
- Hand lens (6)
- Lamp with lightbulb (1)
- Light meters (1)
- Magnet wands (6)
- Meter sticks (6)
- Permanent markers (6)
- Rulers (6)