# Matter Cycling & Photosynthesis: Unit 7.4 Kit Contents List


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## All kits are intended to serve six classes of 30.

### CONSUMABLE KIT
OSE-7-4-CON

- Foam Clone Collar, Pack of 35, 1
- Cup, Plastic, Condiment, 2oz, 100pk, 2
- Pipette, Plastic, 7mL, 500pk, 4
- Iodine Solution, 0.10N, 120mL, 1
- Wooden Stirrer, Box of 500, 1
- Benedicts Solution Qualitative, 120mL, 1
- Bromthymol Blue Indicator Solution, 0.04%, 1L, 1
- Microcentrifuge Tubes, 1.5mL, 500pk, 1
- Biuret Solution, 120mL, 1
- Large Lima Bean Seed, 2lb bag, 1
- Radish Seeds, Packet, 1
- Spinach Seeds, Packet, 1
- Tape, Transparent, 1/2" x 500" , 12
- Index Card, Ruled 3x5" Assorted Color, 4
- Post-it Notes, 3" x 3", 6
- Spoon, Plastic,Teaspoon,100pk, 3
- Cup, Plastic, 3.5 oz., 100PK, 3
- Markers, Permanent, 12pk, 1
- Lunch Bag, Brown, PK/50, 1
- Bag, Gallon, Freezer 28-30pk, 3
- Dry Erase Markers - Barrel Style, Chisel Tip, Black, 12/ Box, 2
- Bag, Ziploc, 6x6" 100/Bag, 2
- Aluminum Foil Roll 12" x 25', 1
- Straw, Wrapped, Jumbo, 100PK, 1
- Gloves, Nitrile, Powder-Free, 100pk, 4
- Foam Cups with Lid 10pk, 1
- Labels, Color Coding, 3/4", pack, 3

### NON-CONSUMABLE KIT
OSE-7-4-NON

- Magnifier, Small Plastic, 30
- Hydroponics Salad Box Garden Kit, 1
- Forceps, Plastic, Pointed, 4.5", 12
- Lamp, Clamp w/ Reflector, 2
- Grow Light Bulb, Full Spectrum, 150W, 2 Pack, 1
- CO2 Monitor & Data Logger, 1
- Electric Kettle, 1.5L, 1
- Food Molecule Cards, Laminated, 15pk, 1
- Safety Goggles, UV protection, 1

### Additional items required but not included:

- Maple syrup 100% - 36 ounces
- Maple Water 100% from tree - 12 ounces
- *Hydroponically grown lettuce (if doing alternative activity)
- Potato
- Vegetable oil
- Banana
- Can of White Beans
- Bunch of radishes with tops
- Olive Oil
- Can Opener
- Can of Garbanzo beans/Chickpeas
- Filtered/distilled water, 1 gallon
- Paper towel roll
- *Ziplock Bag, 2 Gallon
- Spinach leaves
- Timer
- Computer or tablet per student
- Food labels for items on the breakfast food poster
- Chart paper
- Science notebook


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