

Unit 6.1 Materials List

Consider this a “Teacher’s Shopping List”. This list contains the physical materials that must be acquired to complete the unit’s lesson activities.

The materials are separated by consumables and non-consumables. Quantities per class listed are the maximum quantities you will need for one class assuming a class of 30 students.

A note on printed materials: Handouts, student guides, other paper materials and electronic resources are not listed here. Please refer to individual lesson plans for the most up-to-date links for these items to determine an actual page count of printed materials needed for a particular lesson.

Consumable Materials		
Description	Total Quantity Needed per class	Lesson
Science Journals	30	all
Straw	31	L0, L5
Chart Paper	2	L1, L2
Paper Sheets or Newspapers	60	L3
Wax Paper Roll	1	L3
Aluminum Foil Pans	18	L3, L4
Food Coloring	1	L3, L4
Plastic Cups	12	L3, L4
Paper Towel Roll	1	L4
Celery Stalks with Leaves Intact	6	L4
Plastic Wrap (box)	1	L4
Soil or sod (1 sq ft)	2	L4
Marking Pens	30	L4, L7

Cups (large enough for Root Beer Float)*	30	L5
Ice Cream (servings)*	30	L5
Spoons*	30	L5
Root Beer (serving size)*	30	L5
Ice Cubes*	2	L6
*Teacher Note: Optional		

Non-consumable Materials		
Description	Quantity per class	Lesson
Cotton Rope (60 ft)	1	L0
Clipboards	30	L1
Impermeable Surfaces (compacted soil, clay, or concrete (Quikrete)) 6 Cups	3	L3
Mesh Screens (tulle or cheesecloth)	4	L3
Permeable Surfaces (soil, sand, sod, etc.)	At least 3L	L3
Plastic Bottles (2L for example)	6	L3
Squirt Bottles	3	L3
Stopwatch or Clock	3	L3
Volumetric Container (beaker, measuring cup, graduated cylinder, etc.)	9	L3
Scissors	3	L3, L4
100 mL Graduated Cylinder	6	L4
400 mL Beaker	6	L4
Beaker or measuring cup	9	L4
Thermometer (optional)	1	L4
Concrete Paver (or rock)	2	L4

Heat Lamp (or Sunny Window)	3	L4
Large Clear Bowl	6	L4
Rubber/roofing shingle	2	L4
Safety Glasses/Goggles	30	L4
Electric Kettle (something to heat water)	1	L5
Heatproof Glass (e.g. coffee mug, pyrex measuring cup)	3	L5
Balloon or Beach Ball (filled with air)	10	L5
Frying Pan	1	L6
Hot Plate	1	L6
Small Mirror (if a cool window is not accessible)	30	L6
Dice	7	L7