

Materials

Classroom Supplies

To help you make advance preparations, this table lists the classroom items used for this unit. See the lessons for information about how each item is used.

Quantity	Item	Lesson(s)
1 per child	Binders or folders	Family Link Notebooks
1 pad	Chart paper	1, 9
1 per group	Glue sticks	1, 9
Several per group	Magazines	1, 9
1	Overhead projector	1, 2, 3, 4, 7, SBA 3
1 piece per group	Poster board	1, 2, 9
Class set	Scissors	1, 4, 5, 6, 7, 9
1 per group	Pencils	2
Class set	Rulers	2, 9, SBA 3
1	Box or block, small	3
1	Gift box top, large	3
1	Hair dryer (optional)	3
1 set	Overhead markers	3, 7
1	Paper bag, opaque, medium, such as a lunch or gift bag	3
3 rolls	Paper towels	3, 4
1	Screwdriver, small, Phillips head	3
Various amounts	Water, hot and/or cold needed	3, 4, 5, 6, 7, SBA 2
3 boxes	Baking soda	4
1 bag	Balloons, assorted sizes	4
3 or more	Ballpoint pen tubes, ink cartridges removed	4
9	Basins, dishpan size (10.7 L)	4, 7
1	Basin, large, shallow, such as an under-bed storage container, approximately 33 in × 16 in × 4 in	4, 7
1	Camera (optional)	4
1 stick	Chewing gum	4
1 bottle	Dish soap	4
1	Glass bottle, empty, top removed	4
6 or more	Milk cartons, empty, 1 pint	4
3 or more rolls	Packing tape	4
1 package	Paper cups	4
3	Plastic spoons	4
1 box	Rubber bands, assorted sizes	4, 7
6 or more pairs	Safety goggles	4

Quantity	Item	Lesson(s)
3 500 ml (16 oz) bottles	Vinegar, white	4
3 or more	Water bottles, 16 oz, with pull-up sport caps	4
4 or more	Water pitchers	4
1	Wading pool, child's (optional)	4
Class set	Colored pencils	5, 9, SBA 3
1 bottle	Food coloring, red	5
Various amounts	Ice	5, 6, 7
1 per group	Permanent markers	5
1 per group, plus 1 extra	Soda bottles, 2 L, clear	5
1 per group	Stopwatches (A watch or clock with a second hand can also be used.)	5, 6, 7
1 or more	Thermos (optional)	5, SBA 2
1 stick (½ C)	Butter, chilled (cut into 6 mm (¼ in) thick slices)	6
1 piece	Dental floss	6
1	Glass canning jar, pint-size	6
1 piece	Plastic wrap	6
1	Tray or foam plate	6
1 piece	Wax paper	6
1 per group, plus 1 extra	Bottles (16–20 oz), plastic, wide-mouth, with caps	7
A variety	Insulator materials (cotton, polyester, nylon, fur, bubble wrap, rubber, newspaper, etc.)	7
1 roll	Masking tape	7, SBA 4
Class set	Colored markers	9
16	Cups, foam, small	SBA 2
As many as possible	Balls, various sizes	SBA 4
1 pad	Self-sticking notes	SBA 4
1 per group	Meter sticks	SBA 4