

Additional Materials

The following is a complete list of items that will be used for the experiments over the entire 36-week course. This list includes many items that are common in most homes. Numbers in parentheses indicate the weeks the items are used. The list does not include the items that are provided in *The Young Scientists Club* kits.

Office/School Supplies

pencil with eraser (1, 34, 35, 36)
thumbtack (1)
ruler (1, 35)
scissors (1, 3, 27, 28, 29, 31, 32, 35, 36)
tape (3, 27, 29, 31, 32)
piece of white paper (4)
duct tape (4)
crayons or colored pencils (17, 18, 36)
permanent marker (35)
ruler (35)
6 pieces of printed paper (36)
5 rubber bands (3 thin, 2 thick) (36)

Kitchen Items

large, clean glass jar (2, 3, 4, 35)
matches (2)
gallon zip-top bag filled with ice (2)
aluminum pie plate (3)
clear glass
empty 2-liter bottles (4, 26, 27)
3 small plastic cups (6)
flour (6, 29)
salt (6)
milk (6)
butter or margarine (6, 29)
sugar (6, 29)
plastic wrap (27)
red food coloring (27)
apple (+/- banana, pear, other fruit) (29)
bread (29)
vegetable oil (29)
syrup (or vanilla) (29)
3 clear plastic cups/bowls (or small
flower pots) (35)
3 plates or containers (35)
water (35, 36)
hollowed-out orange half or egg carton
(or small potting container) (36)

Gardening/Outdoor Items

3 small flower pots (or clear plastic cups/bowls) (35)
dirt (35)
leaves (35, 36)
mulch (35)
rocks (35)
1 plant with roots (35)
small hand shovel (35)
potting soil (35, 36)
vegetable and/or flower seeds (35)
small potting container (or hollowed-out orange half or egg carton) (36)
bag of mixed bird seed (36)
flowers (36)
4 sticks around a foot long (36)
10 tree seedpods (includes things like pinecones, keys, acorns, drupes, pods, capsule nuts, or berries) (36)

Miscellaneous

small fan (1)
3 identical washcloths (2)
2 rubber toys (3)
2 metal toys (3)
2 plastic toys (3)
flat piece of styrofoam (3)
bucket (27)
newspaper (31)
oil or vaseline (31)
4 round objects (similar in size) (33)
blindfolding cloth (33)
hanging jewelry organizer, over-the-door shoe holder with pockets, or small plastic cups on a tray (35)
spray bottle (35)
cardboard box (36)
bag or basket (36)