



“Enjoying God’s World of Nature”

Nature’s Workshop Plus! Inc.
 3055 E Main Street
 Danville Indiana 46122
 317-745-0443
 mail@workshopplus.com
 www.workshopplus.com

Science in the Age of Reason

Alphabetical listing of items in the kit, quantity, location of item within the kit, and in which lesson items are used.

| Item Number | Item Name | Quantity | Bag | Used in Lesson |
|--------------------|-----------------------------------|-----------------|------------|-----------------------|
| 40236-3 | Aluminum Foil, 3 ft | 4 | 6 | Multiple Lessons |
| 40821-bulk | Antacid Tablet , 2 pk | 1 | 6 | 30 |
| 40262 | Baking Soda, 1 TB | 1 | 2 | 39, 55 |
| 40220-lg | Balloons, 9”, bagged | 13 | 5 | Multiple Lessons |
| 40229-ba | Batteries, D Cell, 2 pk | 1 | 7 | 43 |
| 40820 | Battery, 9 volt | 1 | 7 | 20, 34, 44, 70, 90 |
| 40442 | Blindfold | 1 | 4 | 56 |
| 40337-4 | Borax | 1 | 6 | 85 |
| 40734 | Bouillon Cubes | 4 | 2 | 54 |
| 23708 | Bowl, Styrofoam | 1 | 3 | 50 |
| 40438 | Bowls, Plastic | 2 | 3 | 65 |
| 23606 | Candle, Tapered, 10 in, wrapped | 1 | 4 | 41 |
| 40738 | Candle, Tealight | 1 | 4 | 18, 26, 29 |
| 40282-4x4 | Cardboard, corrugated, 4x4” | 1 | 1 | 84 |
| 40253 | CD | 1 | 4 | 14 |
| 40422 | Clay Dough, same color per bag | 2 | 5 | 81 |
| 40423 | Colored Pencils | 1 | 1 | 73 |
| 40475-1/4 | Construction Paper, Black ¼ sheet | 2 | 1 | 52, 77 |
| 40436-6 | Cotton Balls, real cotton, 6 pk | 1 | 4 | 15 |
| 40354-red | Crayon, Red | 1 | 1 | 80 |
| 40525 | Cup, Paper, 7 oz | 2 | In Box | 60 |
| 40471 | Cups, Styrofoam, 10 oz | 6 | In Box | 22, 28, 33, 60 |
| E40264-60ml | Dish Soap, 60 ml | 1 | 9 | 57 |
| 40270 | Electrical Tape | 1 | 7 | 84 |
| 40431-1 | Feathers, 2 pk | 1 | 4 | 78 |
| 40274 | Film Canister, w/ lid | 1 | 3 | 16 |
| 22562 | Flashlight, lg | 1 | 7 | 43, 52, 77, 84 |
| 40237-1/2c | Flour, ½ cup | 1 | 2 | 61, 63 |
| 40324 | Fluorescent Bulb | 1 | 7 | 14 |
| 41230 | Food Coloring, set | 1 | 6 | 8, 9, 50, 67, 84 |
| 40469 | Funnel | 1 | In Box | 29, 41, 42 |
| 40323 | Glue, all purpose | 1 | 5 | 48, 86 |
| 23701 | Gobstoppers, 15 pk | 1 | 2 | 72 |
| 23702-14 | Gum Drops, Dots, 14 pk | 1 | 2 | 73 |

| Item Number | Item Name | Quantity | Bag | Used in Lesson |
|--------------------|--|----------|--------|--------------------|
| C45055 | Household Ammonia, 50 ml | 3 | 9 | 5, 60 |
| E41223 | Hydrogen Peroxide, 120 ml, ½ cup, 4 oz | 1 | 9 | 5 |
| E41223-16 | Hydrogen Peroxide, 16 oz | 1 | 9 | 41, 66 |
| E40732-2 | Isopropyl Alcohol, 120 ml, ½ cup, 4 oz | 1 | 9 | 21 |
| E40732-bulk | Isopropyl Alcohol, 16 oz | 1 | 9 | 47, 65, 49 |
| 40275 | Jar, 8 oz | 1 | 4 | 1 |
| 23712 | Jar, Pint, Canning w/lid | 1 | 4 | 7 |
| E25014-10 ml | Liquid Hand Soap, 10 ml | 1 | 9 | 79 |
| 40252 | Magnet | 1 | 8 | 87 |
| 40290-lg | Magnifying Glass, large | 1 | 4 | 13, 25, 85 |
| 40290-sm | Magnifying Glass, small | 1 | 4 | 77 |
| 40224-1 | Marker, Black | 1 | 1 | 58 |
| 41029 | Marshmallow, Large | 1 | 2 | 3 |
| 41122 | Matches, wooden | 1 | 6 | Multiple Lessons |
| 22550-1 | Measuring Cup Set (not scoops) | 1 | 3 | Multiple Lessons |
| 22551 | Measuring Spoons, metal | 1 | 6 | Multiple Lessons |
| 23704 | Metal File | 1 | 4 | 68 |
| 40555-2 | Modeling Clay, single | 2 | 5 | 22, 38 |
| C45136 | Moth Balls, Bottle | 1 | 3 | 1 |
| 40826 | Nail, 3 in | 2 | 8 | 20 |
| 46108-5 | Nail, 5 cm | 1 | 8 | 9, 10 |
| 40458 | Nail, small | 1 | 8 | 16, 18 |
| 41037 | Neodymium Magnet | 1 | 8 | 31, 87 |
| 23705 | Oatmeal, ¼ cup | 1 | 2 | 63 |
| 40446 | Paint Brush | 1 | 5 | 48 |
| 40530 | Paper Clips, 5 pk | 1 | 8 | 16, 31, 52, 85, 87 |
| 40327 | Paperbag | 1 | 3 | 10 |
| 23706 | Pea Gravel, Pebbles, 1 Tbsp | 1 | 4 | 7 |
| 40421 | Pen | 1 | 1 | 9, 22, 50, 81 |
| 40239-S | Pencil, Sharpened | 1 | 1 | 6, 51, 85, 86 |
| 40522-1 | Pepper Packet | 1 | 2 | 86 |
| 40827 | Pie Pan, Foil | 2 | 6 | 18, 33, 64 |
| 40258 | Plastic Wrap | 1 | In Box | 53, 54, 61 |
| 40444 | Plate, Paper, 9" | 1 | 3 | 59 |
| 40935 | Plate, Styrofoam, 9" | 1 | 3 | 33 |
| 40933 | Plates, Styrofoam, 6" | 1 | 3 | 22 |
| 46109 | Push Pin, Single | 1 | 8 | 6 |
| 40832-1 | Rice, 1 Tsp | 1 | 2 | 32 |
| 40245-3.5x1/4", lg | Rubber Band, lg | 2 | 8 | 54 |
| 40333 | Ruler | 1 | 1 | 77, 87 |
| 40240-2 c | Salt, 2 cup | 1 | 2 | 16, 27, 34, 70 |
| 23707 | Sandwich Bag | 1 | 3 | 8 |
| 40221 | Scissors | 1 | 1 | Multiple Lessons |

| Item Number | Item Name | Quantity | Bag | Used in Lesson |
|-------------|-------------------------|----------|-----|------------------|
| 23709 | Tissue Paper | 1 | 1 | 37 |
| 40549-25 | Toothpicks, 25 pk | 1 | 6 | 73 |
| 40271 | Washer | 4 | 8 | 46 |
| 46415 | Watercolor Paint Set | 1 | 5 | 37 |
| 40233-1 | White Paper | 8 | 1 | Multiple Lessons |
| 41231 | Wint-O-Green Lifesavers | 6 | 2 | 19 |
| 40735-1 | Yeast, 1 tsp | 1 | 2 | 41 |
| 40277 | Zip Bag, 6x6" | 3 | 3 | 7, 27, 74 |

Science in the Age of Reason

Lesson-by-lesson chart of what you will need, in which bag to find it, and what you will need to provide.

| Lesson 1 In Your Kit: | Bag # | You Provide: |
|------------------------------|--------------|-----------------------------|
| Jar | 4 | An adult to help |
| Mothball | 3 | Ice |
| | | Plate, not paper or plastic |
| | | Pot for boiling |
| | | Water |

| Lesson 2 In Your Kit: | Bag # | You Provide: |
|------------------------------|--------------|---------------------|
| White paper | 1 | An adult to help |
| | | Chair |

| Lesson 3 In Your Kit: | Bag # | You Provide: |
|------------------------------|--------------|----------------------|
| Bar of Ivory Soap | 6 | An adult to help |
| Marshmallow | 2 | Microwave |
| | | Microwave-safe plate |
| | | Potato |
| | | Serrated knife |

| Lesson 4 In Your Kit: | Bag # | You Provide: |
|------------------------------|--------------|---------------------|
| Nothing | - | An adult to help |
| | | Cutting board |
| | | Knife to cut fruits |
| | | Orange |
| | | Paper towels |
| | | Plates, 2 or 3 |
| | | Pomelo |
| | | Spoon |
| | | Water |
| | | White Grapefruit |

| Lesson 5 In Your Kit: | Bag # | You Provide: |
|--|--------------|---------------------|
| Ammonia | 9 | An adult to help |
| Hydrogen Peroxide, from the 1/2 cup small bottle | 9 | Glasses, 4, small |
| Measuring Cups | 3 | Red cabbage |
| Measuring Spoons | 6 | Stove |
| White Paper | 1 | Pot for boiling |
| | | Vinegar |
| | | Water |

| Lesson 6 In Your Kit: | Bag # | You Provide: |
|------------------------------|--------------|---------------------|
| Pencil | 1 | Nothing additional |
| Pushpin | 8 | |
| Scissors | 1 | |
| Tape, clear | 1 | |
| White Paper | 1 | |

| Lesson 7 In Your Kit: | Bag # | You Provide: |
|------------------------------|--------------|---------------------|
| Bag, 6x6", zip | 3 | An adult to help |
| Canning jar, with lid | In Box | Ice |
| Pebbles | 4 | Microwave |
| | | Pot holders |
| | | Water |

| Lesson 8 In Your Kit: | Bag # | You Provide: |
|------------------------------|--------------|-------------------------|
| Blue Food Coloring | 6 | Celery with some leaves |
| Sandwich Bag | 3 | Electric fan |
| Spoon | 3 | Glasses, 3, small |
| Tape, clear | 1 | Knife |
| | | Water |

| Lesson 9 In Your Kit: | Bag # | You Provide: |
|------------------------------|--------------|---------------------|
| Bendable straws | 3 | An adult to help |
| Blue Food Coloring | 6 | Two-liter bottle |
| Nail-5cm | 8 | Water and sink |
| Pen | 1 | |
| Tape, clear | 1 | |

| Lesson 10 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Nail from previous lesson | 8 | Knife |
| Paper bag | 3 | Apples, 2 |

| Lesson 11 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|-----------------------------|
| Alum. Foil, cut as needed | 6 | Sink and faucet |
| Balloon | 5 | Someone with clean dry hair |
| Straw | 3 | |

| Lesson 12 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Straws | 3 | A tall glass that is not as tall as the straws Water |

| Lesson 13 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Magnifying Glass | 4 | This book |

| Lesson 14 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Alum. Foil cut as needed | 6 | An adult to help |
| CD | 4 | Cereal box |
| Fluorescent Bulb | 7 | Dark Room |
| Scissors | 1 | Incandescent light bulb |
| Tape, clear | 1 | Lamp with removable shade Serrated knife |

| Lesson 15 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Cotton Balls | 4 | An adult to help Blender Clothes iron Cookie sheet Glass Metal spatula Pie Pan Strainer Water |

| Lesson 16 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Alum. Foil, cut as needed | 6 | An adult to help |
| Balloon | 5 | Hair Dryer |
| Film Canister | 3 | Hammer |
| Nail, small | 8 | |
| Paper Clip | 8 | |
| Salt | 2 | |
| Tape, clear | 1 | |

| Lesson 17 In Your Kit: | Bag # | You Provide: |
|--|--------------|--|
| Alum. Foil, cut as needed Stopwatch | 6 7 | An adult to help Kitchen tongs Pennies, 16 Pot to boil water Plate Stove Water |

| Lesson 18 In Your Kit: | Bag # | You Provide: |
|--|-----------------------|---|
| Foil Pie Pan Matches Nail, small Steel Wool, small piece Tealight Candle | 6 6 8 6 4 | An adult to help Metal kitchen tongs Sink |

| Lesson 19 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Wint-O-Green Lifesavers | 2 | An adult to help Dark room with a sink Pliers |

| Lesson 20 In Your Kit: | Bag # | You Provide: |
|---|------------------|---------------------|
| 9-Volt Battery Alum. Foil, cut as needed Nails, 3" Tape, clear | 7 6 8 1 | Dimly-lit room |

| Lesson 21 In Your Kit: | Bag # | You Provide: |
|---|--------------|--|
| Isopropyl Alcohol, use the 1/2 cup bottle | 9 | Glasses, small, 2 Water from the faucet |

| Lesson 22 In Your Kit: | Bag # | You Provide: |
|---|--------------------------------------|-----------------------------|
| Modeling Clay Pen Straw, large Scissors Styrofoam Cup Styrofoam Plate Stopwatch | 5 1 3 1 In Box 3 7 | An adult to help Bathtub |

| Lesson 23 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|----------------------------|
| Nothing | - | Glass with a stem Water |

| Lesson 24 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--|
| Colored Pencils | 1 | Two very different flowers Notebook |

| Lesson 25 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Magnifying Glass | 4 | Bright light |

| Lesson 26 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--|
| Matches Tealight Candle | 6 4 | An adult to help Apple Banana Knife Lemon Orange Stove |

| Lesson 27 In Your Kit: | Bag # | You Provide: |
|--|--------------|---|
| Bag, 6x6", zip Measuring Spoons Salt | 3 6 2 | Bowl, wide Ice Pot for boiling Pot lid Stove Water |

| Lesson 28 In Your Kit: | Bag # | You Provide: |
|--|------------------|---|
| Measuring Cups Spoon Styrofoam Cups, 2 | 3 3 In Box | An adult to help Bowl, large Ice Pot for boiling water Stove Strainer Water |

| Lesson 29 In Your Kit: | Bag # | You Provide: |
|---|----------------------|-----------------------------------|
| Balloons, 2 Funnel Matches Tealight Candle | 5 InBox 6 4 | An adult to help Sink Water |

| Lesson 30 In Your Kit: | Bag # | You Provide: |
|----------------------------------|--------------|--|
| Antacid Tablets Measuring Cup | 6 3 | Clear soda Glasses, small, 2 Raisins Spoon Vinegar |

| Lesson 31 In Your Kit: | Bag # | You Provide: |
|--|------------------|---------------------|
| Neodymium Magnet Paper Clip String Scissors | 8 8 8 1 | Nothing Additional |

| Lesson 32 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Rice | 2 | Baking pan Table |

| Lesson 33 In Your Kit: | Bag # | You Provide: |
|--|-----------------------|---------------------|
| Foil Pie Pan Styrofoam Cup Styrofoam Plate, large Tape, clear | 6 In Box 3 1 | Sink |

| Lesson 34 In Your Kit: | Bag # | You Provide: |
|-----------------------------------|--------------|--|
| 9-Volt Battery Matches Salt | 7 6 2 | An adult to help Deep bowl Plastic bottle with cap Knife, serrated Water |

| Lesson 35 In Your Kit: | Bag # | You Provide: |
|--------------------------------------|--------------|--|
| Steel Wool, whole pad Tape, clear | 6 1 | Bowl Plastic water bottles, 2 Sink, not stainless steel Table knives, 2 Vinegar Water |

| Lesson 36 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Balloon | 5 | An adult to help Ice Microwave Medium sized pot Oven mitts Plastic water bottle Water |

| Lesson 37 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Paint Set w/Brush | 5 | Dish Towel |
| Scissors | 1 | Water |
| White paper | 1 | |
| White Tissue Paper | 1 | |

| Lesson 38 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|----------------------|
| Straw, bendable | 3 | Plastic water bottle |
| Modeling Clay | 5 | Sink |
| | | Water |

| Lesson 39 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Baking Soda | 2 | Glasses, 2 |
| Measuring Cups | 3 | Lemon juice |
| Measuring Spoons | 6 | Spoon |
| Sugar | 2 | |

| Lesson 40 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|-----------------------------|
| Nothing | - | Bright lamp or sunny window |
| | | Dark room |
| | | Fresh leaves from a plant |
| | | Glasses, small, 2 |
| | | Water |

| Lesson 41 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|----------------------|
| Funnel | On Box | An adult to help |
| Hydrogen Peroxide | 9 | Plastic water bottle |
| Matches | 6 | Sink |
| Measuring Cups | 3 | |
| Measuring Spoons | 6 | |
| Tapered Candle | 4 | |
| Yeast | 2 | |

| Lesson 42 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|----------------------------------|
| Balloon | 5 | Knife that is long but not sharp |
| Funnel | In Box | Plastic water bottles, 2 |
| Steel Wool Pads, 2 | 6 | Vinegar |

| Lesson 43 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| D-Cell Batteries | 7 | Your notebook |
| Flashlight | 7 | |

| Lesson 44 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| 9-Volt Battery | 7 | Uncooked hotdog |

| Lesson 45 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|----------------------|
| Balloon | 5 | A dark place |
| Straight Pin | 8 | Grass |
| | | Green vegetable |
| | | Knife |
| | | Plastic water bottle |
| | | Potato |
| | | Water |

| Lesson 46 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Alum. Foil, cut as needed | 6 | Bowl or cup |
| Scissors | 1 | Lemon juice |
| Washers | 8 | Paper towel |
| | | Pennies |

| Lesson 47 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|------------------------------|
| Isopropyl Alcohol | 9 | An adult to help |
| Measuring Cups | 3 | Glass, small |
| | | Hot beverage mug |
| | | Leaves of lettuce or spinach |
| | | Pot for boiling |
| | | Pot holder |
| | | Stove |
| | | Strainer |
| | | Water |

| Lesson 48 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Glue | 5 | Potted plant |
| Paintbrush | 5 | |

| Lesson 49 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|----------------------|
| Isopropyl Alcohol | 9 | An adult to help |
| | | Long hallway |
| | | Plastic water bottle |

| Lesson 50 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--------------------------|
| Food Coloring | 6 | Bowl, large |
| Pen | 1 | Knives |
| Spoon | 3 | Measuring cup with spout |
| Styrofoam bowl | 3 | Water |
| Tape, clear | 1 | |

| Lesson 51 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--------------------------------|
| Pencil | 1 | Your notebook Your textbook |

| Lesson 52 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Construction paper, black | 1 | An adult to help |
| Flashlight | 7 | |
| Paper clip | 8 | |
| Tape, clear | 1 | |

| Lesson 53 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Alum. Foil, cut as needed | 6 | An adult to help |
| Plastic Wrap | In Box | |

| Lesson 54 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--|
| Canning Jars | In Box | An adult to help Pot for boiling Pot holders Sink Stove Water |
| Chicken Bouillon Cubes | 2 | |
| Plastic Wrap | In Box | |
| Rubber bands | 8 | |
| Measuring cups | 3 | |

| Lesson 55 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Baking Soda | 2 | Glasses, small, 3 |
| Measuring Teaspoon | 6 | Vinegar |
| Spoon | 3 | Water |

| Lesson 56 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------------------------|
| Blindfold | 4 | An adult to help Large, clear area |

| Lesson 57 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|-----------------------------------|
| Balloon | 5 | Cake pan Glass, small Water |
| Dish Soap | 9 | |
| Spoon | 3 | |
| Straw | 3 | |

| Lesson 58 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Balloon | 5 | Freezer |
| Marker, black | 1 | |
| Scissors | 1 | |
| String | 8 | |
| Tape, clear | 1 | |

| Lesson 59 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Paper Plate, large | 3 | Ice cubes Metal plate or cooking pan |

| Lesson 60 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Household Ammonia | 9 | An adult to help |
| Mesuring Cups | 3 | Red Cabbage |
| Measuring Spoons | 6 | Saucepan |
| Paper Cups | In Box | Stove |
| Spoons | 3 | Vinegar |
| Styrofoam Cups | In Box | Water |

| Lesson 61 | | |
|------------------|--------|--|
| Flour | 2 | An adult to help |
| Plastic Wrap | In Box | Bowl, microwave safe Butter or margarine Knife, serrated Microwave Pot holders Sink |

| Lesson 62 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Glycerine Bar Soap | 6 | An adult to help Knife, serrated Paper towels Sink |

| Lesson 63 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|-------------------------------|
| Alum. Foil, cut as needed | 6 | Bowl |
| Flour | 2 | Cookie Sheet |
| Measuring Cup | 3 | Pot |
| Oatmeal, uncooked | 2 | Pot holders Spoon Water |

| Lesson 64 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Foil Pie Pan | 6 | An adult to help |
| Matches | 6 | Glasses, large, 2 Ice Pot for boiling Stove Water |

| Lesson 65 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|----------------------------|
| Bowls | 3 | An adult to help |
| Isopropyl Alcohol | 9 | Kitchen tongs |
| Matches | 6 | Pot at least 6 inches deep |
| Measuring Cups | 3 | Stove |
| Scissors | 1 | Water |
| Spoon | 3 | |
| White Paper | 1 | |

| Lesson 66 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Hydrogen Peroxide | 9 | Glasses, small, 2 |
| Measuring Cup | 3 | Potato |
| | | Knife |
| | | Water |

| Lesson 67 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Food Coloring Set | 6 | Bowls, 2 |
| | | Glass, large |
| | | Ice |
| | | Pot for boiling |
| | | Stove |
| | | Strainer |
| | | Water |

| Lesson 68 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--|
| Metal File | 4 | Glass, small |
| | | Penny |
| | | Paper towels |
| | | Toilet |
| | | Toilet bowl cleaner with hydrochloric acid |
| | | Water |

| Lesson 69 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|-------------------------------------|
| Nothing | - | An adult to help |
| | | Knife |
| | | Skin, see book |
| | | Uncooked chicken with meat and skin |

| Lesson 70 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Alum. Foil, cut as needed | 6 | Bowl, small |
| Battery, 9-Volt | 7 | Glasses, 2 |
| Measuring Spoons | 6 | Water |
| Salt | 2 | |
| Spoon | 3 | |
| Tape, clear | 1 | |

| Lesson 71 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Balloons | 5 | Carbonated drink Plastic water bottle Pot for boiling Stove Water |

| Lesson 72 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Gobstoppers | 2 | Container that will pour smoothly Plate that can hold water Water |

| Lesson 73 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Gumdrops Toothpicks | 2 6 | Plates, large, 2 |

| Lesson 74 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--|
| Zip bags 6x6" | 3 | An adult to help Egg, uncooked Four shiny pennies Kitchen tongs Pot for boiling the egg Spoon Stove Water |

| Lesson 75 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--|
| Nothing | - | Many different people Your textbook |

| Lesson 76 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--|
| Balloon | 5 | Carbonated drink Plastic water bottle |

| Lesson 77 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--|
| Construction Paper, black | 1 | An adult to help Dim room with a white wall |
| Flashlight | 7 | |
| Magnifying Glasses | 4 | |
| Ruler | 1 | |
| Scissors | 1 | |
| Tape, clear | 1 | |

| Lesson 78 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|-----------------------|
| Feather | 4 | Lamp with a bare bulb |

| Lesson 79 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Liquid Hand Soap | 9 | Sink |

| Lesson 80 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Red Crayon | 1 | An adult to help |
| Stopwatch | 7 | |
| White Paper | 1 | |

| Lesson 81 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Clay Dough | 5 | Rolling pin |
| Pen | 1 | |

| Lesson 82 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|--------------------------|
| Balloon | 5 | Dark room Metal spoon |

| Lesson 83 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Nothing | - | Quiet room |

| Lesson 84 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|------------------------------|
| Cardboard, 4x4" | 1 | An adult to help |
| Electrical Tape | 7 | Glasses, clear, identical, 3 |
| Flashlight | 7 | Dim room |
| Food Coloring | 6 | Water |
| Scissors | 1 | |
| Spoon | 3 | |
| White Paper | 1 | |

| Lesson 85 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|-------------------------------|
| Borax | 6 | An adult to help |
| Magnifying Glass | 4 | Glass, small |
| Measuring Spoons | 6 | Measuring cup with pour spout |
| Paper Clip | 8 | Pot for boiling water |
| Pencil | 1 | Stove |
| String | 8 | Water |

| Lesson 86 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---|
| Glue | 5 | Drawings from <i>Helps and Hints</i> book |
| Pencil | 1 | |
| Pepper Packet | 2 | |

| Lesson 87 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Magnets | 8 | Table |
| Paper Clip | 8 | |
| Ruler | 1 | |

| Lesson 88 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|-----------------------------------|
| Measuring Cups | 3 | An adult to help |
| Measuring Spoons | 6 | |
| | | Bowls |
| | | Carbonated drink, clear, with cap |
| | | Glasses, small, 3 |
| | | Pot for boiling |
| | | Red cabbage |
| | | Stove |
| | | Water |

| Lesson 89 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|-------------------------------|
| Nothing | - | Bowl, deep |
| | | Ice |
| | | Plastic water bottle with lid |
| | | Sink |
| | | Spoon |
| | | Water |

| Lesson 90 In Your Kit: | Bag # | You Provide: |
|-------------------------------|--------------|---------------------|
| Alum. Foil, cut as needed | 6 | Bowl |
| Battery, 9-Volt | 7 | Glass, tall |
| Scissors | 1 | Nickle |
| Spoon | 3 | Penny |
| Tape, clear | 1 | Root Kill |
| | | Vinegar |

Please observe all safety precautions when doing experiments.

General Safety Rules

- Before you do any experiment, read these instructions and the instructions for that experiment completely.
- Always recap each bottle when you are through with it, and keep all bottles and other materials away from younger children and pets.
- Handle chemicals with care. Caution notices and antidotes for chemicals are listed in these instructions. In the event of misuse (ingestion, inhalation, skin contact) immediately contact the United States National Poison Control Hotline @ 800-222-1222.
- A list of materials precedes each experiment. Some experiments require the use of common household items and materials. Common household chemicals not supplied in this kit can be purchased at local stores.
- Avoid contact between any chemical and your skin. Never rub your eyes or put your fingers in your mouth after handling a chemical. Always wash your hands immediately with soap and warm water after working with any chemical.
- Before you begin any activity, roll up your sleeves, put on an apron or smock, or other protective clothing. Tie long hair back from your face so it doesn't block your view or get caught in any equipment. Also, cover your work area with newspaper or a plastic sheet. Avoid splashing chemicals on wood surfaces, vinyl flooring, carpet, etc. Keep chemicals away from food areas.
- Always clean your equipment and work area after each activity. Clean your lab equipment, such as pipets and scoops, with warm, sudsy water. It's okay if a small amount of liquid or solid waste goes down the drain, but you should not dispose of waste material by flushing it. After your equipment is clean, be sure to wash the sink with lots of water. Be careful not to use a kitchen towel for clean up. Use a rag or paper towels that can be disposed of.

Disposal of Chemicals

None of the chemicals in this kit pose any significant environmental hazard. However, you should still use caution when you dispose of your waste chemicals. The waste materials from each experiment should be placed in a small plastic container, like a pill vial or film canister, and the container should be placed in a sealable bag. The contained material may then be placed in the garbage for disposal in a land fill. Never mix waste products from two different experiments in the same waste container.

Crushing and Grinding Chemicals

For some activities you will need to crush a solid chemical into a fine powder. One method is to wrap the solid in a cloth, tap the object with a hammer to break it into smaller crystals. Keep your fingers out of the way. Then pour the pieces into a clean dry jar lid, and grind them into a fine powder using the back of an old spoon.

Notebook

Even if you have a great memory, it helps to keep a written record of what you do. Include how you prepared, what steps you did, and what you observed during and after the activity. Good records often include notes, drawings, graphs, and even photographs.

Distilled Water

Unless the directions call for a specific type of water, it is best to use distilled water if possible.

Things You Need to Know

Thank you for choosing our supplies kit to enhance your study through the *Science in the Age of Reason* text. So that you might find the kit easy to manipulate, there are a few things that you will need to know.

First, you will find a chart of all items within the kit listed alphabetically. It lists the quantity of each item, where it is found in the kit, and in which lesson the item is used. It is to be used for easy location of any item regardless of which lesson you are studying. You will also find our office item numbers in case you need to phone for replacements of any items.

Second, you will find a lesson-by-lesson break down of what you need for each individual lesson, where it is found in the kit, and the items you will need to provide. Every effort has been made to provide all reasonable items within the kit so that your study is not hampered by an absence of supplies, however, some things are unreasonable for us to provide. This will be obvious as you proceed.

Third, the best way to locate necessary items as you progress through the course is to always return supplies to their original bag when the experiments are completed. Several items will be used multiple times throughout the course and the **Bag #** will be continually referenced.

Enjoy your study!

Please check your order for any shortages or damaged items upon receipt.
Contact us at Nature's Workshop Plus, Inc. for replacement items.

Please observe all safety precautions when doing experiments.
