# **Rainbow Science**

# Second Year Parts List

#### **Durable Set**

| QTY | Description                       |
|-----|-----------------------------------|
| 1   | Field Microscope                  |
| 1   | Emery Cloth                       |
| 1   | Garden Spade                      |
| 1   | Dissecting Kit                    |
| 1   | Rubber Stopper                    |
| 1   | Plastic Syringe, 20 ml            |
| 1   | Glass French Square Bottle, 200 m |
| 1   | Glass Culture Bottle, 160 ml      |
| 1   | Plant Grow Light                  |
| 1   | Flashcards, Plant                 |
| 1   | Flashcards, Animal                |
| 1   | Plastic Specimen Jar, Large       |
| 1   | Plastic Specimen Jar, Small       |
| 1   | Bug Net                           |
| 8   | Plastic Cups, 16 oz               |
| 1   | Plastic Centrifuge Tube, 15 ml    |
| 1   | Plastic Tubing Connector          |

### <u>Renewable Set – Vials/Chemical Renewable</u>

- 7 Bushnell Haas (BH) Broth
- 1 Sodium Chloride, 8 g
- 1 Sodium Chloride, 15 g
- 1 Culture Medium
- 1 Sodium Hypochlorite
- 1 Acetic Acid, 0.5 ml
- 1 Petroleum Jelly
- 1 Lubricating Oil
- 1 Red Dye
- 1 Magnesium Sulfate
- 1 Portland Cement
- 1 Plaster of Paris
- 5 Brine Shrimp
- 1 Silica Sand
- 1 Yeast
- 1 Topsoil w/ BH Broth
- 4 Empty Glass Vials
- 4 Empty Microvials
- 2 Algal Medium

## <u>Renewable Set – Cardboard Protector</u>

- 2 Kraft Paper, 12x12"
- 2 Wax Paper, 12x12"
- 3 Cardboard/Chipboard, 12x12"
- 5+ Paper Towels
- 2 Filter Paper
- 1 Graph Paper
- 1 Red Cellophane, 4x4"
- 1 Large Kraft Paper, 36x36" (May be packed in the main box)

#### Renewable Set - Other/"Non-Chemical" Items

- 1 Earthworm
- 1 Lily Flower
- 2 R2A Agar Plates
- 3 Glass Cover Slips
- 4 Glass Microscope Slides
- 3 Sodium Chloride, 150 g
- 1 Potting Soil
- 1 Gauze
- 2 Chalk Pieces
- 1 Dry Bread
- 2 Hay
- 2 Seeds, Corn (1) and Sunflower (1)
- 3 Cotton Swab
- 1 Battery for Field Microscope (QTY and type may depend on microscope)
- 8 Plastic Disposable Beakers (Includes 1 lid)
- 1 Petri Plate
- 1 Half Petri Plate (Disposable Plastic Dish)
- 2 Peat Pots
- 1 Toothpick
- 2 Pairs of Nitrile Gloves (2 sizes included)
- 1 Dissecting Tray
- 1 Colored Pencil
- 1 Incense Stick
- 1 Renewable Bag (See next page for contents)

# Renewable Set – Renewable Bag

- 1 Penny
- 2 Water Hardness Test Strips
- 3 Rubber Bands, Large (1) and Small (2)
- 2 Popsicle Sticks