

**Master List of Contents**  
**Our Shared Forests Science Night Kit**

**1- Luggage cart with the following items:**

**4 – Framed Posters**

- Face Painting
- How Insects Find Their Food
- Temperate Forest or Tropical Rainforest?
- Who’s living in your backyard?

**8 – Display Boards**

- From Seed to Cup
- Gifts from the Forest
- How Chocolate Is Made
- Insect Employment Office – Temperate Forest
- Insect Employment Office – Tropical Rainforest
- Medicines from the Forest
- Migration Mapping (with top panel)
- Passport

**2- Bungee Cords and Plastic bags (on Posters and Display Boards)**

**2- Wheeled 45-gallon Rubbermaid containers with the following items:**

**1- Binder containing printed materials**

**4- Wooden easels**

**25 - Activity Stations each packaged in a separate labeled bag/ container**

*Each Activity Station bag contains a Checklist printed on brightly colored paper and laminated.*

**Beat the Extinction Clock**

- Table sign, laminated
- Explanation sheet/ What to Do sheet, laminated
- “Beat the Extinction Clock” answer sheet, laminated
- 12 - golf pencils in a Ziploc bag
- 2 – egg timers in a Ziploc bag
- Blank “Beat the Extinction Clock” worksheet (to make additional copies)
- 150 copies of “Beat the Extinction Clock” worksheet

**Bird Habitat Mural**

- Table and Wall signs, laminated
- Explanation/ What to Do sheet, laminated
- Habitat (temperate forest and rainforest photos), laminated
- 15 - pictures of birds, laminated (Canada Warbler, Black and White Warbler, Blackburnian Warbler, Broad-winged Hawk, Eastern Wood Pewee, Red-eyed Vireo, Summer Tanager, Toucan Barbet, Pale-mandibled Aracari, Sylph, Swallow Tanager, Red-bellied Woodpecker, Carolina Chickadee, Brown-headed Nuthatch, Belted Kingfisher)
- 8 - bird coloring sheets (same birds as noted above, most are 2-up on a page) to make additional copies
- 150 – copies of coloring sheets (approximately 10 each of the 15 birds)

## Bromeliad Toss

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- 6 – pictures of bromeliads, laminated
- 2 – frog bean bags in a Ziploc bag
- 25 – “flipping frogs” (incentives) in a Ziploc bag – optional - **THESE ARE ONLY SAMPLES. DO NOT USE.**

## Discovering Microscopes

- Table sign, laminated
- Explanation / What to Do sheet, laminated
- 6 – question sheets, laminated, one for each microscope station
- Sheet with all questions to copy (optional)
- 6 – Petri dishes, one each with the following contents
  - green and roasted coffee beans
  - cinnamon bark
  - tropical bird feather
  - butterfly
  - tropical flower (*This Petri dish is empty. You must provide the contents. We suggest using orchid, begonia or African violet flowers.*)
  - tropical leaf (*This Petri dish is empty. You must provide the contents. We suggest using wandering jew or begonia leaves.*)

## Ecuadorian Bookmarks

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- 5 – small bottles of acrylic paint, various colors
- 5 – foam brushes for applying paint to stamps
- 5 – small plates
- 5 – handmade Ecuadorian stamps individually wrapped in bubble wrap in a Ziploc bag
- 150 – muslin strips, 3x9” (fabric bookmark)
- 5 - Pieces of folded felt (*This provides a cushion under the muslin so that the uneven surface of the stamp can be pressed onto the bookmark.*)
- 2 - Fine-tipped sharpies for writing names on bookmarks
- Sample bookmark

## Ecuadorian Handicrafts

- Table sign, laminated
- Explanation, laminated
- What To Do, laminated
- Ecuadorian Handicraft activity overview, laminated
- 6 – ½ sheet handicraft explanation sheets, laminated
- 1 – woven placemat
- 1 – pan flute
- 1 – maraca
- 1 – wool wall hanging
- 1 – recycled paper art greeting card (*Do not remove this item from the Ziploc bag.*)
- 2 – carved tagua nuts, one animal shape and one medallion

## Face Painting

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- 3 - Face painting Symbols of the Secoya People of the Rainforest of Ecuador, laminated
- 1 - 8 oz. bottle washable black paint
- 1 - 8 oz. bottle washable red paint
- 6 - small plates
- 1 – package of Q-tips

## Fill the Bill

- Table sign, laminated
- Explanation / What to Do sheet, laminated
- 8 – cards to mark the types of food in the containers listed below, laminated
- “Fill the Bill” worksheet with answers, laminated
- Blank “Fill the Bill” worksheet (to make additional copies)
- 150 – copies of “Fill the Bill” worksheet
- 3 – slotted spoons
- 3 – tongs
- 3 – strainers
- 3 – pair of chopsticks
- 3 – tweezers, plastic
- 3 – pliers
- 3 – pipettes
- 3 – fish nets
- 1 – gallon pitcher
- 1 – plastic champagne glass
- 7 – lidded containers with the following labels/ contents
  - Grapes – “Fruit hanging from a branch”
  - Rubber worms in oatmeal – “Worms in the mud”
  - Plastic ladybugs glued onto bark – “Caterpillars and other insects”
  - Nuts with hard shells – “Seeds with hard coverings”
  - Assorted ocean animal beads -“Fish and other aquatic animals”
  - Colored pom-poms - “Flying insects”
  - Pieces of plastic aquatic plants - “Small plants and animals”

## From Seed to Cup

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- 2 sets of 10 picture cards of the process of coffee production (one set backed in green, the other in blue) with stickers on the back that spell RAINFOREST when the cards are ordered correctly
- 2 Petri dishes (one with green coffee beans, the other with roasted coffee beans)

## Gifts from the Forest

- Table sign, laminated
- Explanation/ What to Do/ Answer Key, laminated
- 1 – 12x6x6” box, labeled Tropical Rainforest
- 1 – 12x6x6” box, labeled Temperate Forest
- 1 – bag of rice
- 1 – apple
- 1 - pineapple
- 1 - potato
- 1 - banana
- 1 – small jar of sourwood honey
- 1 – bottle of maple syrup
- 1 – bottle of Pine Sol
- 1 – Ziploc bag of walnuts
- 1 - container cashews
- 1 - container pecans
- 1 – pkg. tapioca pudding
- 1 piece of granite (rock)
- 1 – bag of cinnamon sticks
- 1 – box of herbal teas
- 1 – small bag of coffee
- 1 piece of bamboo
- 1 – pen
- 1 – container of Hershey’s cocoa
- 1 – prescription medicine bottle
- 1 – bottle Ginseng
- 1 – bottle Goldenseal/Echinacea

## How Chocolate Is Made/ Candy Bar Dissection

- Table sign, laminated
- Explanation/ What To Do, laminated
- “Where in the World” sign, laminated
- “This Almond Joy” sign, laminated
- Inflatable globe with Velcro on 5 locations (Central America, Middle East, Brazilian Amazon, South Pacific, and New Guinea)
- 5 – ingredient cards (coconut, chocolate, vanilla, almonds and sugar), laminated with Velcro on back
- 1 – Almond Joy wrapper, laminated

## How Insects Find Their Food: Can You Spot Your Lunch?

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- Insect Shape Card, laminated
- Sample worksheet, laminated
- Blank copies of the worksheets (one for older students with graph & one for younger students without graph) to make additional copies
- 75 – copies of worksheet for older students
- 25 – copies of worksheet (3-up on a page) for younger students = 75 total
- ~1 ½ yards of patterned fabric with ladybugs (light green), dragonflies (dark green), butterflies (orange) and ants (purple) stamped on it
- 2 – My Chron timers

### **How Insects Find Their Food: Hunt Like Army Ants**

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- Lidded plastic cake carrier filled with imitation leaves
- 30 - assorted plastic insects
- 2 - blindfolds
- 2 – My Chron timers

### **How Insects Find Their Food: Sniff Out Your Breakfast**

- Table sign, laminated
- Explanation/ What to Do sheet with Answer Key, laminated
- Box with 6 screw-cap spice jars labeled A-E and one with a flower sticker
- Ziploc of cotton balls
- Ziploc with 5 bottles of “scents” (A=peppermint, B=citrus, C=vanilla, D and the flower sticker=rose, E=cinnamon) to refresh the spice jars

### **Insect Employment Office**

- Table sign, laminated
- Explanation /What to Do sheet, laminated
- 12 picture cards, laminated (6 orange for Georgia temperate forest, 6 green for the Ecuadorian rainforest ) with information and Velcro on the back

### **Making Tracks**

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- 5 – Sample cards, laminated
- 5 – Sheets to make additional copies (2-up on a sheet, 1 each -Bear, Toad, Hare, Bird and Mouse)
- 150 – assorted copies of Bear Toad, Hare, Bird and Mouse track sheets
- 5 - Mini-stamps ( 1 each - Bear, Toad, Hare, Bird and Mouse tracks)
- 5 - black stamp pads

### **Medicines from the Forest**

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- 1 - sheet of information on teas (4-up on a sheet) to make additional copies
- 150 – copies of tea information sheet
- 3 – boxes of 100 tea sacs
- 150 - snack-size Ziploc bags
- 3 – boxes of tags with strings (100 tags per box)
- 1 – 4 c. container of leaf peppermint tea with spoon
- 1 – 4 c. container of chamomile tea with spoon
- Sample of “finished product”

## Migration Game

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- 24 – instruction cards, laminated
- 1 - Finish sign, laminated
- Template of form for recording Bird Type and Migration Journey results
- Copies of form to record at least 150 Migration Journeys
- 1 – skein of yarn
- 40- clothespins in a Ziploc bag
- 1 – roll of flagging tape
- 6 – large foam dice
- 1 – clipboard with chart and pencil attached

## Migration Mapping

- Table sign, laminated
- Explanation /What to Do sheet, laminated
- 16 data cards, laminated (8 yellow-edged for Canada warbler, 8 black-edged for Summer Tanager)
- 16 disks, laminated with Velcro on the back (8 yellow-edged with picture of Canada Warbler, 8 black-edged with picture of Summer Tanager)

## Migratory Bird Hats

- Table signs, laminated
- Explanation/ What to Do sheet, laminated
- Descriptions of OSF Migratory Birds, laminated
- Sample Bird Hat in a Ziploc bag
- Construction paper to cut into strips for head bands
- 150 – copies of Head, Wing, Tail sheet
- Copies of Beak sheet = 150 total beaks
- Pattern for Beaks
- Pattern for Head, Wings & Tail

## Passport

- Table sign, laminated
- Explanation sheet/ What to Do sheet, laminated
- Passport Questions with Answers circled, laminated
- Sample Passport, laminated
- Color passport (4-up on a sheet) to make additional copies
- 150 – color copies of passport
- 1 – box of golf pencils (~144 pencils)
- 50 – bird tattoos (incentives) – optional – **THESE ARE ONLY SAMPLES. DO NOT USE.**
- Blank evaluation sheet (for students and parents) to copy
- 150 – copies of evaluation sheet
- 8 - Passport Questions on paper easels *The questions with these bird pictures are to be placed at the following stations:*
  - *Eastern Wood-pewee at Insect Employment Office*
  - *Acadian Flycatcher at How Insects Find heir Food*
  - *Canada Warbler at Gifts from the Forest*
  - *Black and White Warbler at From Seed to Cup*
  - *American Redstart at Who's Living in your Backyard?*
  - *Blackburnian Warbler at Migration Mapping*
  - *Summer Tanager at Migration Game*
  - *Red-eyed Vireo at Temperate Forest or Tropical rainforest?*

## **Puppet Show**

- 5- copies of Puppet Show script
- Sheet of puppet photos with names, laminated
- "Months Later Back in Ecuador" Sign, laminated
- 2- Our Shared Forests Puppet Show signs, laminated
- 6 - Puppets
  - ✓ Wendy Woodpecker
  - ✓ Sunny Summer Tanager
  - ✓ Chippy Chipmunk
  - ✓ Hector Hummingbird
  - ✓ Flah-rita Blackburnian Warbler
  - ✓ Tommy Toucan

## **Temperate Forest or Tropical Rainforest?**

- Table sign, laminated
- Explanation /What to Do sheet, laminated
- Answer Sheet, laminated
- 20 cards, laminated with Velcro on the back  
(10 green Rainforest cards, 10 orange Temperate Forest cards) The answer (a letter that matches the plant or animal on the poster) is on the back of each card.

## **Tools to Clay**

- Table sign, laminated
- Explanation/ What To Do, laminated
- Flat plastic box containing activity pieces
- 6 – clay squares with different impressed designs each enclosed in a bubble envelope
- 6 – tools that made the impressed designs
  - ✓ 1 – corn cob
  - ✓ 1 – wooden paddle with carved design
  - ✓ 1 – bundle of sticks
  - ✓ 1 piece of bamboo
  - ✓ 1 – set of sticks lashed together with jute
  - ✓ 1 – stick notched at one end

## **Who's living in your backyard?**

- Table sign, laminated
- Explanation/ What to Do sheet, laminated
- Photograph of Answer key, laminated
- Scats of North American Wildlife display box
- 6 picture cards (deer, squirrel, skunk, rabbit, opossum and bobwhite quail), laminated
- rubber track replicas
  - ✓ deer (one front and back)
  - ✓ squirrel (one front and back)
  - ✓ bobwhite quail (one foot only)
  - ✓ skunk (one front and back)
  - ✓ rabbit (one front and back) and
  - ✓ opossum (one front and back)