

# From Seed to Cup

*Please use this checklist to confirm that all of the parts of this station are in this bag both when it is unpacked before the OSF Science Night AND when it is re-packed after your event.*

- 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)

You will need to set up the Passport Question with Black and White Warbler at this station. It can be found in the PASSPORT bag.

The "From Seed to Cup" display board should be placed at the station.

## **What you will need to provide for this activity station:**

- Tape to attach table sign

## CAFÉ' CHOCO ANDES: FROM THE SEED TO THE CUP

### **Explanation/Background:**

Coffee was traditionally grown as an under-story shrub in the shade of tall trees. With the development of sun coffee varieties, farmers noticed quicker returns. Many converted their land to sun coffee plantations. There was a cost, however. Sun coffee requires expensive fertilizers and pesticides. In addition, sun coffee plantations support very little life compared to shade-grown coffee that provides habitat for birds and other wildlife.

As more and more forests are cut down for growing sun coffee and other types of agriculture and grazing, forest habitat becomes fragmented. Sustainable agriculture like shade-grown coffee helps connect these forest fragments creating larger segments of forest which support a greater diversity of wildlife. Today more and more farmers are realizing the importance of doing their part to protect the rainforest and are converting their land to more sustainable kinds of agriculture like shade-grown coffee plantations.

During this activity, children and their parents will learn about how coffee is grown and the interesting process from the coffee seed to a great-tasting cup of shade-grown coffee as they arrange picture cards that depict the process!

### **What You Will Do:**

The children and their parents will learn about the shade-coffee process from the seed to the cup. The poster describing the steps is displayed. There is a set of 10 cards each depicting a different step in the process. The children arrange the cards in order from the seed to the cup. If they sequence the cards correctly and turn them over they should spell "Rainforest".

### **What You Need:**

- Coffee poster "From the Seed to the Cup" display board
- Coffee beans (raw and roasted) and maybe a coffee shrub
- Two sets of 10 laminated cards (so that more than one group can participate at a time).

### **What to do:**

1. Display the poster
2. Provide table with space for arranging cards.
3. There are two sets of cards with a color code to separate them. You will need to make sure the cards don't get mixed up.
4. After the learners sequence the cards, remind participants to turn the cards over and see if they spell 'rainforest'. The picture sequence basically follows the sequence on the poster.