## Outdoor Learning Initiative Citizen Science & Outdoor Adventure

## What is Bio Lab?

Bio Lab is an Educational Program Focused on Science/Biology/STEM It is Delivered On-Site to school age children from 2<sup>nd</sup> grade up to 12<sup>th</sup> grade And can accommodate between 20-30 participants

A typical Bio Lab Program is structured as follows:

- It is scheduled at your location on the date and time of your choosing based on openings in our schedule.
- It starts in the large group format with a preliminary orientation to set the stage for the field portion.
- The group is then broken into 2 or more teams and given their tagging flags.
- Participants of each team will engage in searching for possible organisms that fit the parameters established for your Bio Lab and tag them.
- Once each team completes the tagging portion of the field work, your Naturalist Guide will photograph all specimens for our lab work back indoors.
- Specimen photographs will be uploaded to the Bio Lab that we've pre-built specifically for your group.
- Teams will then engage in the identification process for their Bio Lab observations with our helpful guidance.
- The skills of cooperation, persuasion, decision-making and critical thinking are all practiced during this portion of the program.
- Students can monitor their Bio Lab and watch for confirmations to their ID's by scientists, biologists and other naturalists.

Outdoor Learning Initiative will provide all materials for each team to participate fully in the program such as Handouts, Tagging flags, Photography of observations, Equipment for uploads and identification.

In order to conduct the uploads for the group portion of the program, we do ask that your location have a classroom or other appropriate space where our indoor lab work can be done. This space will need to have WiFi access and a suitable surface where a laptop can be set up. These needs are very minimal and most classroom or similar type of space will usually have all appropriate accommodations necessary.

## STANDARD PRICING:

- Bio Lab [series\*\*] / \$325\*
- Bio Lab [single] / \$125\*

(Standard pricing allows for up to 20 Participants / \$5/per additional participant) / (Max # in one Bio Lab=30)

- No Other Fees/All Inclusive

[\*Pricing is for locations within a 20 mile radius of Hamblen County. We will add a small travel stipend for areas beyond the radius.]

[\*\*A Bio Lab Series is the scheduling of 3 Bio Labs within 1 academic year/Autumn, Winter, Spring]

## SCHEDULING:

- Choose any Weekday: Monday – Friday
- Choose either time slot: 9am-11:30am OR 1pm-2:30pm