Set up:

Place specimens around the lab with dissecting trays, scopes, forceps, and nitrile gloves. Remove labels with species names so that students can practice identification using keys. I recommend using numbers on the jars and placing labels in numbered plastic baggies with to facilitate returning labels to the correct jars. All species listed below are found in the field guide - add extra species if students have special interests or if you have any favorites. Make sure to have some candy or something on hand as a reward for completing the scavenger hunt (maybe noose poles for the trip?). If students are finishing early, one idea is to ask them to come up with new categories for the scavenger hunt for future years.

Learning goals:

1. Identify species from Costa Rica using keys
2. Appreciate diversity of ecology, behavior, and morphology of species in Costa Rica
3. Understand expectations for the trip to Costa Rica

Specimen list:

1. Gymnophiona
   1. Gymnopis multiplicata
2. Caudata
   1. Bolitoglossa colonnea
   2. Oedipina cyclocauda
3. Anura
   1. Bufo marinus
   2. Agalychnis callidryas
   3. Agalychnis saltator
   4. Smilisca phaeotoa
   5. Cochranella (Centrollena) albomaculata
   6. Eleutherodactylus fitzingerii
   7. Leptodactylus pentadactylus
   8. Gastrophyrne pictiventris
   9. Dendrobates pumilio
   10. Rana warszewitschii
4. Testudines
   1. Chelydra serpentina
   2. Kinosternon leucostomum
   3. Rhinoclemmys funnerea
5. Squamata - lizards
   1. Basiliscus plumifrons
   2. Corytophanes
   3. Iguana iguana
   4. Anolis oxylophus
   5. A. biporcatus
   6. A. humilis
   7. A. limifrons
   8. Thecadactylus rapicauda
   9. Sphaerodactylus millepunctatus
   10. Gonatodes albogularis
   11. Lepidophyma flavimaculata
   12. Mabuya unimarginata
   13. Diploglossus monotropis
   14. Amphisbaenia alba
   15. Ameiva festiva
6. Squamata - serpentes
   1. Corallus annulatus
   2. Bothriechis schlegelii
   3. Bothrops asper
   4. Porthidium nasutum
   5. Dipsas bicolor
   6. Erythrolamprus mimus
   7. Imantodes cenchoa
   8. Lampropeltis triangulum
   9. Leptodiera septentrionalis
   10. Leptophis ahaetulla
   11. Ninia sebae
   12. Oxybelis aeneus
   13. Psuestes poecilonotus
   14. Spilotes pullatus
   15. Micrurus alleni
   16. Micrucus mipartitus
7. Crocodylia
   1. Caiman crocodylus
   2. Crocodylus acutus