



## WHAT DO ANIMALS NEED? LESSONS OVERVIEW

**ALL COMPLETE LESSON PLANS AND STUDENT SHEETS AVAILABLE ON THE WEBSITE!**  
[WWW.MIAMICOUNTYPARKS.COM/NODE/1255](http://WWW.MIAMICOUNTYPARKS.COM/NODE/1255)

### SLUG SCIENCE JOURNEYS VIDEO (20 MINUTES)

**STANDARDS:** 1.RF.2, 1.LS.1, 1.LS.2

**DESCRIPTION:** Cinda Wind ~the gentle breeze` introduces students to The Banana Slug String Band and together they go on a journey to learn "What Do Animals Need"! Students should be prepared to knock on the doors of some unusual homes to meet animals at their school or in their backyard! They will get a chance to create a special habitat to invite new animals to the neighborhood! But through it all watch out for the nutty professor who goes wacky looking for habitats! This will be the main resource that students will reference for the below activities.

### SONG BOOK

**STANDARDS:** 1.RF.1, 1.RF.4, 1.LS.1, 1.LS.2

**DESCRIPTION:** The online book provides the students a version of the song, "What Do Animals Need"? in a read along format. Each student will be able to read through the book at their own pace and have the concepts re-emphasized through the illustrations first introduced in the video.

### LESSON 1: DISCOVER HABITATS

**STANDARDS:** 1.SL.1, 1.SL.4, 1.SL.5, 1.W.8, 1.LS.1, 1.LS.2

**DESCRIPTION:** Utilizing the WDAN Diagram, the students will go outside and look for habitats in the air, land, water, and underground then discover the food, water, shelter available. Then complete the diagram for the backyard animal they found of their choice. They can use FLIPGRID to record a video of their habitat choices and completed diagram.

### LESSON 2: HABITAT VENN DIAGRAMS

**STANDARDS:** 1.RL.1, 1.RL.3, 1.RL.5, 1.RL.9, 1.RF.4 1.LS.1, 1.LS.2

**DESCRIPTION:** The assigned reading will be the texts required to complete this exercise and/or comparing habitats that the students found in their yard.



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## LESSON 3: FLOWERPOT HABITAT

**STANDARDS:** 1.SL.5, 1.SL.6, 1.LS.1, 1.LS.2, 1.OA.1, 1.OA.2

**DESCRIPTION:** In the Science Journey video Professor Airy Larry challenges the student to create an outside habitat with a flowerpot. The student will create the habitat, record their finding of what animals move into this habitat and how the requirements of food, water and shelter are being met. Then draw or attach a photo. Students will check daily under their flowerpot and record the number of living animals found underneath the pot. The daily count will be recorded on the provided worksheet in the chart. The student can use hash marks then convert to numbers. After the experiment ends, the student will answer the word problems on the bottom of the worksheet.

## LESSON 4: GLOSSARY

**STANDARDS:** 1.L.4, 1.RF.3, 1.SL.2, 1.LS.1, 1.LS.2

**DESCRIPTION:** The glossary assists students with newly introduced words in the Slug Science Journey video, song book and additional resources.

## LESSON 5: BUILD A NEST

**STANDARDS:** 1.LS.1, 1.LS.2, 1.SL.5, 1.SL.6

**DESCRIPTION:** Students are challenged to go outside and try to locate a nest, then collect natural materials to build their own nest to demonstrate shelter options. The can use FLIPGRID to show a photo of their nest shelter.

## LESSON 6: BUILD A TERARRIUM HABITAT

**STANDARDS:** 1.SL.4, 1.SL.6, 1.LS.1, 1.LS.2

**DESCRIPTION:** Students can build their own terrarium and see a closed ecosystem or habitat! This project is supported with a FLIPGRID video and printed instructions.

## LESSON 7: QUIZ

**STANDARDS:** 1.RF.4, 1.SL.2, 1.LS.1, 1.LS.2

**DESCRIPTION:** A 12 question, multiple choice quiz, assesses the comprehension of the student after viewing the Slug Science Journey video and reading the song book.

## ADDITIONAL ACTIVITIES:

### NATURE JOURNAL (INSTRUCTIONS INCLUDED INSIDE KIT)

**DESCRIPTION:** Students will assemble a nature journal that they can use for reflecting on activities, creating drawings, and any other ways they would like. The journal contains a list of prompts on the inside cover for ideas.

### READING ENRICHMENT PICTURE BOOKS

**DESCRIPTION:** A selection of picture books may be provided in your teacher resource bag.

1. These books focus on this topic and are a part of our park Nature Quest Book Library.
2. Some lessons above may refer to reading one of these books before doing the specific activity.
3. Inside the cover of each book there are additional “connect to nature” activities that you might have fun doing also with your students that connect directly with that book.
4. On these book cards there might be mention of discovery tools (part of our Family Nature Quest backpack program) to use with book activities but if you do not have those in your SCIENCE JOURNEY kits these little extra activities can be done without those specific tools.