



NO BONES: LESSON OVERVIEW

ALL COMPLETE LESSON PLANS AND STUDENT SHEETS AVAILABLE ON THE WEBSITE!
WWW.MIAMICOUNTYPARKS.COM/NODE/1251

**** Indicates that a copy of the instructions for that activity are *also* inside the student kit**

SLUGS SCIENCE JOURNEY VIDEO (20-MINUTES)

STANDARDS: 2.LS.1, 2.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 about insects with the song “No Bones”! Students will have the chance to meet Buzz who will tell exactly how it is from an insect’s point of view! Students will go on an exoskeleton hunt, lie quietly on the ground observing ants and searching under logs. This will be the main resource that students will reference for the below activities.

SONG BOOK

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

DESCRIPTION: The online book provides the students a version of the Banana Slug song, “No Bones” 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: INSECT DETECTIVE

STANDARDS: 2.SL.1, 2.SL.2, 2.SL.4, 2.SL.6, 2.MD.10, 2.LS.1, 2.LS.2

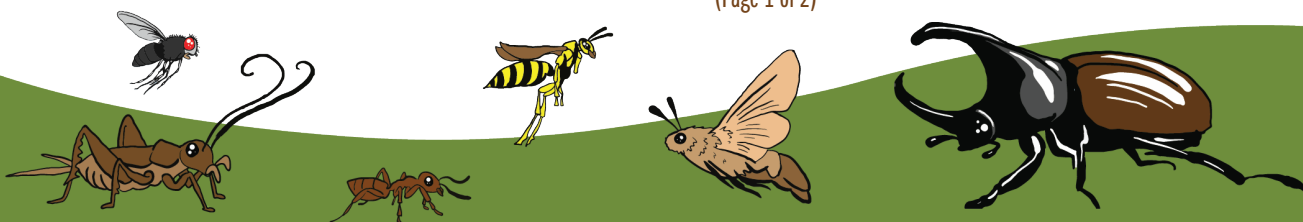
DESCRIPTION: By lifting rocks and logs, or tossing their rope “ant lassos” on bushes, trees, grass or dirt patches, students will discover insects in their habitat and be able to study them and better understand how they benefit the world we share with insects. The student can utilize FLIPGRID to record their observations outside with the insect habitat. Just like a real entomologist, the student is encouraged to record the number of insects, the different types and log another feature that interests them such as color. Using this information, they will create a bar graph to show their results.

LESSON 2: DRAW AN INSECT

STANDARDS: 2.SL.1, 2.SL.2, 2.SL.4, 2.SL.6, 2.RI.7, 2.LS.1, 2.LS.2

DESCRIPTION: In the Slug Science Journey video, Solar Steve challenges the students to pick an insect, then draw their favorite insect, making sure to include the 3 parts and 6 legs properly. This study will help the student understand the anatomy of the insect by taking time to correctly identify the parts and place them in the right order. The student can share and explain their drawing on FLIPGRID.

(Page 1 of 2)



LESSON 3: INSECT SUPERPOWERS

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

DESCRIPTION: In the Slug Science Journey video, Solar Steve challenges students to use an insect field guide to learn more about the many different types of insects in our environment. The student can select facts to write down on strips of paper to add to the ones provided. The facts can be pulled out and read aloud with a student partner in class or other friends at family at home, each taking a turn and sharing a fun fact. Students will make a FLIPGRID to verbally share 3 of their fun facts.

LESSON 4: VOCABULARY

STANDARDS: 2.RI.1, 2.L.4, 2.LS.1, 2.LS.2

DESCRIPTION: Students will complete a matching challenge to match the definition to the words connected with this topic. Students will use the worksheet to complete 5 sentences using their choice from No Bones vocabulary.

ADDITIONAL ACTIVITIES:

QUIZ

DESCRIPTION: A 12 question true/false quiz assesses the comprehension of the student after viewing the Science Journeys video and reading the song book.

PICNIC WITH AN ANT

DESCRIPTION: Students can look for ant hills on the sidewalk, and use the sugar to invite the ants out for a picnic! They can record their observations on the student sheet or in their nature journal.

INCREDIBLE INSECT MODEL**

DESCRIPTION: Students will use provided materials to make an insect model.

NATURE JOURNAL**

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.