



FBI: LESSONS OVERVIEW

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SLUG SCIENCE JOURNEY VIDEOS (20-MINUTES)

STANDARDS: 2.LS.1, 3.LS.3

DESCRIPTION: Cinda Wind introduces students to The Banana Slug String Band and together they go on a journey to learn about those secret agents of Decay FUNGUS, BACTERIA and INVERTEBRATES! Students will use this video as the primary resource for their investigations.

LESSON 1: VIDEOQUEST

STANDARDS: 2.RI.4, 2.SL.2, 2.RF.3, 2.LS.1, 3.RI.4, 3.RI.7, 3.RF.3, 3.LS.3

DESCRIPTION: Students will use the “FBI” video to go on a quest where they will search the video for key vocabulary and answer explicit questions.

LESSON 2: BUILD A BACTERIA

STANDARDS: 2.2PR, 2.LS.1, 3.2PR, 3.LS.3

DESCRIPTION: The students will use WikiSticks (Provided in the Discovery Kit) to make a model of bacteria. When they are doing their explorations in Lesson 3, they will use their bacteria model when filming their FLIPGRID Challenge.

LESSON 3: FBI SEARCH

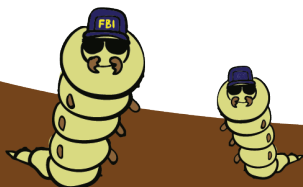
STANDARDS: 2.W.8, 2.LS.1, 3.W.8, 3.LS.3

DESCRIPTION: After watching the FBI SLUG SCIENCE JOURNEY video, students are challenged to go outside and search for signs of the FBI. Students will follow the quests and send video and photo results back to the teacher in a FLIPGRID Challenge.

LESSON 4: MAIN IDEA & KEY DETAILS/SUMMARIZING

STANDARDS: 2.RI.2, 2.RF.4A, 2.LS.1, 3.RI.2, 3.RF.4a, 3.W.4, 3.LS.3

DESCRIPTION: Part 1: Students will read an article “Producers, Consumers and Decomposers”. Using the provided graphic organizer, students will determine the main idea and key details of the article. Part 2: Students will use the information contained in the graphic organizer to create a paragraph summary.



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LESSON 5: INTERPRETING ILLUSTRATIONS

STANDARDS: 2.RI.7, 2.LS.1, 3.RI.7, 3.LS.3

DESCRIPTION: Students will demonstrate understanding by drawing and labeling illustrations seen in the “FBI” video.

LESSON 6: ORAL PRESENTATION

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

DESCRIPTION: The student will use all of the resources and experiments they have completed to create an oral presentation. They will record the presentation and submit it to the teacher using Flipgrid. An outline is provided of what should be included in the video.

LESSON 7: MEASUREMENT & DATA

STANDARDS: 2.MD.10, 2.LS.1, 3.MD.3, 3.LS.3

DESCRIPTION: Students will view a bar graph on rates of decomposition for different types of litter. Students will create a pictograph of the information, and answer questions about the data.

ADDITIONAL ACTIVITIES: INVERTEBRATE CLAY MODEL

DESCRIPTION: Students will use the materials provided in the Discovery Kit to create a model of an invertebrate.

FUNGI FARM

DESCRIPTION: Students will experiment with bread to see if they can grow their own fungus.

READING ENRICHMENT PICTURE BOOKS

DESCRIPTION: A selection of picture books will 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.