

Grade 5

Distance Learning Module 1: Week of: March 30-April 3

**Science: Grade 5 - Modified from [Unit #3 - Ecosystem Sustainability](#)**

***Food Webs/Flow of Energy***

**Targeted Goals from Stage 1: Desired Results**

**Content Knowledge:** Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.

**Vocabulary:** matter, ecosystems, organism, population, biotic factor, abiotic factor, food chain, producer, consumer, herbivore, carnivore, omnivore, food web, predator, prey, decomposer

**Skills:** Students will be able to create a model that demonstrates an understanding of the flow of energy in an ecosystem

**Expectation:**

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Today you will explore ecosystem vocabulary using the website Flocabulary.	Go to Vocab Cards tab on <a href="#">Flocabulary</a> -Read the definitions and images, then practice the vocabulary by writing the definitions and then drawing your own sketches.  When you're done, explore the other tabs: 1) Video 2) Vocab Game 3) Read and Respond	Start preparing for the Flocabulary Ecosystems vocabulary quiz on Friday.
Tuesday: Today you will complete a virtual owl pellet dissection.	Investigate with Virtual Owl Pellet Lab by (link provided in Google classroom)	Upload a photo of your completed rodent skeleton. Directions for doing so (please refer to these directions for future use): <a href="#">How to</a>

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
	Click on “Pellet Information” and “Pellet Directions” for additional information before starting the Virtual Owl Pellet.	<u>upload a photo on Google Classroom</u>
Wednesday: Today you will learn how energy is transferred through a community of organisms. (Food Web Day 1)	Click the link below to find the lab activity. Before you start, be sure to read the text “How is energy transferred through a community of organisms” <u>Directions for the lab activity are listed under the “Procedure” of the lab.</u> <u>Lab Activity:</u> can be found in Google Classroom	
Thursday: Today you will continue to learn how energy is transferred through a community of organisms. (Food Web Day 2)	Watch this Energy Pyramid video YouTube video can be found in Google Classroom	After watching the video, answer the questions on the following Google Form <u>Energy Pyramid Exit Slip</u>
Friday: Today you will take an ecosystems vocabulary quiz and write a rhyme about Ecosystems using the vocabulary words.	Complete the Ecosystems vocab quiz: <u>Ecosystems Vocab Quiz</u> Once done, go to <u>Ecosystems Lyrics Lab</u> and write a rhyme about Ecosystems using the vocabulary words.	

**Week criteria for success** (attach student checklists or rubrics):

Students will be able to demonstrate their understanding of how energy moves through an ecosystem by creating an energy pyramid

**Supportive resources and tutorials for the week** (plans for re-teaching):

Flocabulary

BrainPop Ecosystems (Username: & Password located in Google classroom)

Food Chains Web of Life Activity

Ecosystem in a Bottle Optional Activity

Keeping a Nature Journal

Khan Academy Flow of Energy and Matter Through Ecosystems