



Food Chains & Food Webs

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Science
Grades 3–5



Introduction

There is a bird, decayed plants, a worm, and a fox. How does that food chain work? Study different types of predators and prey, consumers, producers, and decomposers and determine what food chains, and even more complex food webs, look like in the real world!

Learning Objectives

[\(5-LS2\)](#) Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.

Materials Needed

- Chromebook/tablet/device
- [Food Chain Worksheet](#)
- Food Chain Rubric

Procedure

1. Watch the [BrainPop video](#) on Food Chains.
2. These are additional resources with information on food chains. Make sure to preview the videos before watching as links and content can frequently change.
 - [BrainPOP: Food Chains](#)
 - [Food Webs and Food Chains](#)
 - [Food Chains](#)
 - [Food Chains: Crash Course](#)
3. Give a few examples of organisms that students need to make a food chain with. Have students complete this, and then go over with the class. This can be done virtually or in class. Here are a few samples that you can use.
 - Dandelions - snail - frog - bird - fox
 - Grass - cow - man - maggot
 - Nectar (flowers) - butterflies - small birds - foxes
4. Students will complete the Food Chains Worksheet. Students can use their device to search for answers. If you want to challenge the students, you can have them identify primary and secondary consumers in the food chains.

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5. When the students complete the Food Chain Worksheet, they will create their own food chain using Google Slides. Students will create a food chain with a producer, at least three consumers, and a decomposer. You can make this more challenging if you choose to by having students create a food web, or you can modify it and have only two consumers. If you wish to allow students to make three-dimensional models of the food chain, or even have them create it on index cards, that also works. Currently, during hybrid or virtual learning, Google Slides may be the best option.
6. Extension Activities:
- [Compost DIY](#)
 - [Kahoot Genius Food Webs Game](#)
 - [Food Chain Game](#)

Evaluation

- You can use the Food Chains Worksheet as a classwork grade.
- The rubric for the Food Chain Project is below. You can modify this as needed.

Part	Points
Title Slide: includes title and your name	10
Food Chain: Correctly ordered (30 points) At least one producer, three consumers, and one decomposer (20 points) Consumers are correctly identified & labeled (10 points) Decomposer is correctly identified & labeled (10 points)	80
Organization, neatness, and effort	10