

Wright City Science Curriculum

5th Grade

Grade	5th Grade
Unit of Study	Food Web
Length of Unit	Three Weeks
Sample Essential Questions How does the ecosystem receive energy?	Sample Corresponding Big Ideas Matter and energy moves throughout an ecosystem.
Where does energy come from?	Energy used for food was once energy from the sun.

Missouri Learning Standards

Priority Standards

5.LS2.B.1. Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment. (Emphasis is on the idea that matter is not food (air, water, decomposed materials in soil) is changed by plants into matter that is food. Examples of systems could include organisms, ecosystems, and the Earth.)

5.PS3.D.1. Use models to describe that energy stored in food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun. (Examples of models could include diagrams and flow charts.)

Unit 1 Sequence

MLS	Topic(s)	Learning Targets	Academic Vocabulary
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5.LS2.B.1.	Food Webs	I can define a primary consumer and give an example. I can define a secondary consumer and give an example. I can define a producer and give an example. I can define a tertiary consumer and give an example. I can define a decomposer and give an example. I can create a food chain. I can create a food web. I can analyze a food web. I can analyze an energy pyramid.	Predator Prey Producer Secondary Consumer Food Web Primary Consumer Energy Transfer Carnivore Herbivore Consumer Omnivore Food Chain Energy Pyramid Energy Tertiary Consumer Scavenger
5.PS3.D.1.	Energy	I can construct an argument that the sun is the source of all energy on Earth.	

MLS	Learning Activities	
	Food Web Brain Dump	Must Do
	Food Webs in Our Lives Producer to Primary Consumer	Must Do Must Do
	Primary Consumer to Secondary Consumer Secondary Consumer to Tertiary Consumer	Must Do Must Do

	Decomposer Yeast Activity	Must Do
	Energy Pyramid	Must Do
	Food Webs in a Given Ecosystem	Must Do

Assessments		
MLS	Description or Location	Rubric/Location

Additional Resources	
<i>The Tiny Seeds</i> by Eric Carle	
<i>Freedom Soup</i> by Tami Charles	

Fry Bread by Kevin Noble Maillard

World of Rot by Britt Crow-Miller

Leaf Litter Critters by Leslie Bulion

What do You do When Something Wants to Eat You? by Steve Jenkins

A Peak at Beaks: Tools Birds Use by Sara Levine

MO Leap Block Changing Yellowstone Ecosystems (5th Grade)