

Unit Name: Food Chain and Webs

Enduring Understandings	Standards Addressed	Essential Questions	Anchor Lessons	Optional Lessons
1. A plants structures are responsible for its survival.	LS2 Identify structures in plants that are responsible for food production, support, water transport, reproduction, growth and production.	How does each part of a plant work together as a system to contribute to its survival?	Scott Foresman, <i>Plants and How They Grow</i> , (Chapter 1) Lesson 1 – What are the main parts of a plant? Lesson 2 – Why do plants need roots and stems?	
2. Plants have a predictable life cycle.	LS3 Recognize that plants go through predictable life cycles that include birth, growth, development, reproduction, and death.	What makes the stages of a plant's life a predictable life cycle?	*Activity 1 – Set up terrariums Scott Foresman, <i>Plants and How They Grow</i> , (Chapter 1) Directed Inquiry Lesson 3 – How are plants grouped? Lesson 4 – How do new plants grow? Handout – Inside a Seed	*Activity 1- Examination of soil. *Activity 1- Soil Test * <i>Good connection to scientific method</i> *Activity 2- Plants and Soil Scott Foresman, <i>Plants and How They Grow</i> , (Chapter 1) Lesson 5- How ar eplants from the past like today's plants?
3. The energy of the sun is stored in plants and is transferred from one organism to another in a food chain/web.	LS3 Describe how energy derived from the sun is used by plants and is transferred within a food chain.	What is a plant's role in transferring energy from the sun throughout the food chain?	Activity 3 – Plants as Producers Activity 4 – Observing Crickets <ul style="list-style-type: none"> Include discussion regarding crickets as primary consumers. Activity 5 – Observing Anoles <ul style="list-style-type: none"> Include discussion regarding anoles as secondary consumers. Activity 6- Observing Earthworms Activity 9- Earthworms and Decomposers	Activity 7- Animal Behavior Activity 8- What Do Crickets Eat? Activity 10- Mystery Pellets Activity 11- Food Chain Game Activity 12- Web of Life <ul style="list-style-type: none"> Handout-Food Web

REQUIRED ASSESSMENT – Common assessment: Design/Create a plant that has all of the parts necessary for its survival.