



Next Generation Science Standards

Watching Wildlife on the Prairie

(Based on 3rd Grade NGSS)

Overarching Themes

Interdependent Relationships in Ecosystems

- a. See how some animals form groups to aid in their survival. (3-LS2-1)
- b. See how some organisms require a certain kind of habitat in order to survive and others need a completely different habitat for their survival. (3-LS4-3)
- c. Notice how if an environment changes then the kinds of plants and animals living there may change too. (3-LS4-4).

Inheritance and Variation of Traits: Life Cycles and Traits

- a. All kinds of living organisms have a similar life cycle of birth, growth, reproduction and death. (3-LS1-1)
- b. Notice that both plants and animals have traits they inherited from their parents and there is also variation of these traits that make them different from their parents. (3-LS3-1)
- c. Notice that some traits can be influenced by the environment – e.g.: the height of a plant might be influenced by the amount of water present. (3-LS3-2)
- d. See how differences between similar plants might affect their survival – one might live while the other one might perish. (3-LS4-2)

Weather and Climate

- a. Describe typical weather conditions that are expected during a particular season or day. (3-ESS2-1)