Fourth Grade Science Objectives

**Prairie** - *The student will be able to:*
4.1.1 recognize living and nonliving things found in the grasslands ecosystem and identify adaptations necessary for survival
4.1.2 identify grassland organisms as producers, consumers (herbivores, carnivores, and omnivores), or decomposers.
4.1.3 diagram and explain a simple food chain beginning with the sun
4.1.4 create a model of a food web.

**Electricity** - *The student will be able to:*
4.2.1 construct and design simple circuits.
4.2.2 differentiate between a series and a parallel circuit.
4.2.3 classify different materials as conductors or nonconductors.
4.2.4 determine and assess the dangers of electricity.

**Space** – *The student will be able to:*
4.3.1 name and describe the parts of the solar system.
4.3.2 create a visual representation of the solar system showing relative distance and size.
4.3.3 describe the motion of objects in the sky such as sun, moon, planets, and stars
4.3.4 recognize that the shape of the moon changes from day to day on a monthly cycle

**Ecosystems** – *The student will be able to:*
4.4.1 recognize the difference between weather, climate, and seasons
4.4.2 describe adaptations made by plants or animals to survive
4.4.3 analyze the impact of both natural changes and human intervention on different ecosystems