



WILDCATS

Union R-XI School District

Course Title: 7th Grade Science

Course Purpose: Students will explore dynamic interactions within ecosystems, understanding how relationships and energy shape living environments. They will examine cell structure and function and the organization of organisms. Students will investigate inheritance and reproduction of plants and animals and how natural selection drives evolutionary changes over time.

Course Outcomes

Outcome/Unit 1	Interactions within Ecosystems: Students will understand the interdependent relationships and energy transfers in ecosystems.
Outcome/Unit 2	Life Structure and Function: Students will analyze how cells are formed, their functions, and the organization levels of living things.
Outcome/Unit 3	Reproduction of Organisms: Students will understand inheritance of traits through reproduction in plants and animals.
Outcome/Unit 4	Change Over Time: Students will understand natural selection and adaptations of organisms.

List of Resources Used in this Course:

- Inspire Science