

# Biology Power Standards

## *Camdenton High School*

**BioPS1:** Students analyze the scientific inquiry process as related to form and function of living things.

**BioPS2:** Students will differentiate between the form and function of cells

**BioPS3:** Students will analyze how the flow of energy applies to living things and their environment.

- Photosynthesis & Cellular Respiration

**BioPS4:** Students will distinguish between mitosis and meiosis as it relates to reproduction and cell division.

**BioPS5:** Students will analyze how traits are inherited and passed from generation to generation.

**BioPS6:** Students will analyze the concepts of natural selection as it applies to the theory of evolution.

**BioPS7:** Students will examine how ecological interactions are affected by biotic and abiotic factors:

- Chemical cycling
- Symbiotic interactions
- Food Webs
- Human Activities