

POWER STANDARDS – BIOLOGY

Classification GLE 1.1.6

Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes

Science As A Process GLE 2.1.2

Understand how to plan and conduct systematic and complex scientific investigations

Natural Selection GLE 1.3.9

Analyze the concept of natural selection as it applies to the scientific evidence used to develop the theory of biological evolution

Ecology GLE 1.3.10 & 3.2.4

Analyze the living and nonliving factors that affect organisms in ecosystems

Analyze the effects human activities have on Earth's capacity to sustain biological diversity.

Cell Processes GLE 1.2.6 & 1.3.8

Understand cellular structures, their functions, and how specific genes regulate these functions.

Understand how organisms, including cells, use matter and energy to sustain life and that these processes are complex, integrated, and regulated.

DNA & Genetics GLE 1.2.7

Understand how genetic information (DNA) in the cell is encoded at the molecular level and provides genetic continuity between generations.

Human Biology GLE 1.2.8

Analyze how human organ systems regulate growth, development, and life functions.

Application GLE 3.1.2

Evaluate the scientific design process used to develop and implement solutions to problems or challenges.