

## Evergreen Public Schools High School Biology Priority Standards

- 1.1.6 Analyze structural, cellular, biochemical, and genetic characteristics in order to determine the relationships among organisms.
- 1.1.4 Analyze the forms of energy in a system, subsystems, or parts of a system.
- 1.2.2 Analyze energy transfers and transformations within a system, including energy conservation.
- 1.2.6 Understand cellular structures, their functions, and how specific genes regulate these functions.
- 1.2.7 Understand how genetic information (DNA) in the cell is encoded at the molecular level and provides genetic continuity between generations.
- 1.2.8 Analyze how human organ systems regulate growth, development, and life functions.
- 1.3.8 Understand how organisms, including cells, use matter and energy to sustain life and that these processes are complex, integrated, and regulated.
- 1.3.9 Analyze the scientific evidence used to develop the theory of biological evolution and the concepts of natural selection, speciation, adaptation, and biological diversity.
- 1.3.10 Analyze the living and nonliving factors that affect organisms in ecosystems.

EALR 2 The student knows and applies the skills, processes, and nature of scientific inquiry.

EALR 3 The student knows and applies science concepts and skills to develop solutions to human problems in societal contexts.

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