

Wildlife Forensics

Goal 1.0 Skills and Processes

- 1.4.2 *The student will analyze data to make predictions, decisions, or draw conclusions*.*
- 1.2.6 The student will identify appropriate methods for conducting an investigation (independent and dependent variables, proper controls, repeat trials, appropriate sample size, etc.
- 1.2.8 The student will defend the need for verifiable data.
- 1.3.1 The student will develop and demonstrate skills in using lab and field equipment to perform investigative techniques^{NTB}.
- 1.3.2 The student will recognize safe laboratory procedures.
- 1.3.3 The student will demonstrate safe handling of the chemicals and materials of science^{NTB}.
- 1.3.4 The student will learn the use of new instruments and equipment by following instructions in a manual or from oral direction^{NTB}.
- 1.4.2 The student will analyze data to make predictions, decisions, or draw conclusions.
- 1.5.1 The student will demonstrate the ability to summarize data (measurements/observations).
- 1.7.1 The student will apply the skills, processes and concepts of biology, chemistry, physics, or earth science to societal issues.
- 1.7.2 The student will identify and evaluate the impact of scientific ideas and/or advancements in technology in society.
- 1.7.5 Students will investigate career possibilities in the various areas of science.

- 1.7.6 The student will explain how development of scientific knowledge leads to the creation of new technology and how technological advances allow for additional scientific accomplishments.

Goal 3.0 Concepts of Biology

- 3.4.2 *The student will estimate degree of relatedness among organisms or species.**

- 3.1 The student will carry out scientific investigations effectively and employ the instruments, systems of measurement, and materials of science appropriately.

- 3.5.1 The student will analyze the relationships between biotic diversity and abiotic factors in environments and the resulting influence on ecosystems.

* Italicized CLG's are the primary focus of the laboratory activity.