CURRICULUM LINKS

This program is designed to align with the new Biology 3201 curriculum (Knowledge, Skills, STSE, and Attitude outcomes below) but other relevant classes may also attend.

STSE (GCO 1)

43.0 - Identify and describe science- and technology-based careers related to the science they are studying

SKILLS (GCO 2)

5.0 - Use instruments effectively and accurately for collecting data

7.0 - Compile and organize data, using appropriate formats and data treatments to facilitate interpretation of the data

11.0 - Describe and apply classification systems and nomenclatures used in the sciences

22.0 - Communicate questions, ideas, and intentions, and receive, interpret, understand, support, and respond to the ideas of others

24.0 - Identify multiple perspectives that influence a science-related decision or issue

KNOWLEDGE (GCO 3)

64.0 - Evaluate and describe evidence to support the theory of evolution by natural selection

65.0 - Describe how species evolve

69.0 - Demonstrate an understanding of the fundamental principles of taxonomy

70.0 - Describe the anatomy and physiology of representative organisms to identify and describe evolutionary trends in complexity

ATTITUDE (GCO 4)

Students will be encouraged to:

- Value the role and contribution of science and technology in our understanding of phenomena that are directly observable and those that are not
- Confidently evaluate evidence and consider alternative perspectives, ideas, and explanations
- Show a continuing and more informed curiosity and interest in science and science-related issues
- Use factual information and rational explanations when analyzing and evaluating
- Consider further studies and careers in science- and technology-related fields
- Show concern for safety and accept the need for rules and regulations