

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