



## Education Programs

### **Outdoor Environmental Lab**

Grade Level: 7-8

Program: 2 hours

- Introduction to Kualoa Ranch and Hakipu`u ahupua`a
- Learn about what science is and the scientific process
- Make a hypothesis
- Learn how to properly use scientific equipment and gather data
- Make a conclusion
- Learn about properties of water that contribute to stream health

Hawaii Content Performance Standards III Benchmarks addressed:

- Design and safely implement an experiment including the appropriate use of tools and techniques to organize, analyze, and validate data (SC.PS.1.2)
- Defend and support conclusions, explanations, and arguments based on logic, scientific knowledge, and evidence from data (SC.PS.1.3)
- Explain the importance of replicable trials (SC.7.1.2)
- Explain the need to revise conclusions and explanations based on new scientific evidence (SC.7.1.3)
- Determine the links between evidence and the conclusions of an investigation (SC.8.1.1)