

How Might Life Evolve on Other Worlds

Table of Contents

Scope and Sequence
Mission 1-Your SETI Academy Medical File
Mission 2-Using a Microscope: The World of the Very, Very Small33 Overview Concepts Skills Teacher's Guide Logbook
Mission 3-Ancient Life-Forms: Earth, 600 Million Years Ago
Mission 4-Who Changed Earth's Atmosphere? Who Was the O ₂ Culprit?
Mission 5-Fossils! Layers of Ancient Life Buried in the Earth89

Concepts Skills Teacher's Guide Logbook	
Mission 6-Natural Selection: Who Will Survive?	
Logbook	
Mission 7-A Timeline for the Evolution of Life: A Photo Album of Life on Earth	
Mission 8-Tracing Family Trees: Life Is Such a Puzzle!	
Mission 9-What Organism Do You See? Classifying Organisms by Characteristics	
Mission 10-Inventing Life-Forms: Designing an Extraterrestrial Species	
Mission 11-Creating Your Extraterrestrial's Family Tree: How Did Your Extraterrestrial Evolve?	

Skills	
Teacher's Guide	
Logbook	

Mission 12-Mission Completed! What Have You Le	earned?197
Overview	
Teacher's Guide	
Logbook	
Glossary	203
Appendixes	205
Suggestions for Cutting Costs	
Ordering Information	
Teacher Background Information	
Resources	218