California The Living Earth

UNIT 1
Ecosystem Interactions
1.1 Earth's Spheres
1.2 Ecosystems
1.3 Describing Populations
1.4 Biomes

UNIT 2
Energy, Matter, and Life
2.1 Energy for Life
2.2 Photosynthesis
2.3 Cellular Respiration
2.4 Nutrient Cycles
2.5 Mechanical and Chemical Weathering
2.6 Erosion and Deposition

UNIT 3
Evolving Earth
3.1 The History of Life on Earth
3.2 The Development of Earth
3.3 Evidence for Plate Tectonics
3.4 Relative Dating
3.5 Evidence for Evolution
3.6 Mechanisms for Evolution

UNIT 4
Inheritance and Variation
4.1 Genetics
4.2 DNA
4.3 Transcription and Translation
4.4 Genetic Disorders and Technology

UNIT 5
Cells to Organisms
5.1 The Chemistry of Life
5.2 Cell Structure and Function
5.3 Cell Transport
5.4 Cell Division
5.5 Asexual and Sexual Reproduction
5.6 Biological Organization and Control

UNIT 6
Human Activities and the Biosphere
6.1 Natural Resources
6.2 Relationships between Human Activity and Earth's Systems
6.3 Understanding Climate and Climate Change
6.4 Impacts on Biodiversity