

# California Content Standards

## 7<sup>th</sup> GRADE

**Activity 7.1:  
What's So Special  
About Native Species?**

**Activity 7.2:  
Adapted for  
Survival?**

**Activity 7.3:  
Survivor:  
California**

### Science Content Standards

#### 3. Evolution

Biological evolution accounts for the diversity of species developed through gradual processes over many generations. As a basis for understanding this concept:

<p><b>3.a.</b> Students know both genetic variation and environmental factors are causes of evolution and diversity of organisms.</p>	X	X	X
<p><b>3.b.</b> Students know the reasoning used by Charles Darwin in making his conclusion that natural selection is the mechanism of evolution.</p>			X
<p><b>3.d.</b> Students know how to construct a simple branching diagram to classify living groups of organisms by shared derived characteristics, and expand the diagram to include fossil organisms.</p>			X
<p><b>3.e.</b> Students know extinction of a species occurs when the environment changes and adaptive characteristics of a species are insufficient for its survival.</p>	X	X	X

### English-Language Arts Content Standards

<p><b>Writing 2.3.</b> Write research reports: a. Pose relevant and tightly drawn questions about the topic. b. Convey clear and accurate perspectives on the subject. c. Include evidence compiled through the formal research process (e.g., use of a card catalog, <i>Reader's Guide to Periodical Literature</i>, a computer catalog, magazines, newspapers, dictionaries). d. Document reference sources by means of footnotes and a bibliography.</p>	X		
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