

Chapter 7 Parent Outline

Biodiversity and Conservation

Investigative Phenomenon

Why is it important to measure and protect biodiversity?

Everyday Phenomenon and Objectives

7.1 Why is maintaining biodiversity important?

- 7.1.1 Differentiate the components of biodiversity.
- 7.1.2 Explain two ways in which biodiversity varies across groups or geography.
- 7.1.3 Describe the economic benefits of biodiversity.

7.2 Why is global biodiversity decreasing?

- 7.2.1 Describe how biodiversity is monitored and explain current biodiversity trends.
- 7.2.2 List the major causes of biodiversity loss.

7.3 How can we protect and preserve biodiversity?

- 7.3.1 Explain legal actions nations can take to protect biodiversity.
- 7.3.2 Explain the goal of Species Survival Plans.
- 7.3.3 Describe three strategies for managing whole ecosystems and habitats.

Overview and Materials

Textbook, worksheets, laptops

Pacing

7 class days

Vocabulary

biodiversity, species diversity, genetic diversity, ecosystem diversity

extirpation, endangered species, threatened species, habitat fragmentation, poaching

Endangered Species Act (ESA), captive breeding, Species Survival Plan (SSP), biodiversity hotspot, endemic