

Lesson Plan Schedule

This lesson plan assumes that this course will be completed in two weeks (10 days), where students can dedicate 30 minutes to an hour of their day learning the material and doing the activities. For two weeks (not including the weekends), students will dedicate two days to learn about the following five topics: Animals 101, LA species, Endangered Species, Conservation, and STEM Empowerment. More resources to learn more about the following topics for either teachers or students are listed in the supplemental information document under the curriculum tab at the bottom of the page. This curriculum is available for free use by anyone and is licensed under the Creative Commons license.

Email any questions to eschissler@oxy.edu or under the feedback section under the tab “Resources.”

Week 1

Day 1 and 2: Animals 101:1 hour each day

Day 1: Animal Classifications

Objectives

- Learn about the basics of classifying animals
- Be able to observe the different characteristics of animals
- Learn the difference between invertebrates and vertebrates
- Learn about the different types of vertebrates and how to differentiate them

Day 2: Useful Definitions for Studying Animals

Objectives

- Learn some basic definitions that are needed to learn about animals
- Learn about the differences in food preferences among animals
- Be able to distinguish between basic habitats
- Understand why certain animals prefer certain habitats

Day 3 and 4: Los Angeles Species: 1 hour each day

Day 3: Mountain Lions and Coyotes

Objectives:

- Learn about where to find mountain lions and coyotes
- Learn how to identify coyotes and mountain lions
- Understand how mountain lions and coyotes contribute to the food chain
- Increase student curiosity about the world
- Learn about the wildlife that students see around them

Day 4: Red-tailed Hawks and Where to Find Species in the LA area

Objectives:

- Learn how to identify and find red-tailed hawks

- Learn about how red-tailed hawks contribute to the food chain
- Compare and contrast these animals
- Increase student curiosity about the world
- Learn about the wildlife that students see around them

Day 5: Endangered Species: 1 hour

Day 5: Endangered Animals Introduction and Bees

Objectives

- Learn what an endangered animal is and why animals go endangered
- Learn why bees are endangered
- Understand how bees contribute to the environment

Week 2

Day 6: Endangered Species: 1 hour

Day 6: Whale Sharks and Sea Turtles

Objectives

- Learn why whale sharks and sea turtles are endangered
- Understand how whale sharks and turtles contribute to the environment
- See how whale sharks and sea turtles are similar
- Learn how you can help endangered animals

Day 7 and 8: Conservation: 30 minutes each day

Day 7: What is Conservation?

Objectives

- Learn the basic definitions relating to conservation
- Learn about different types of conservation
- Understand why conservation is important
- Understand some threats to our environment

Day 8: How Can You Help?

Objectives

- Learn about different types of ways kids can help in conserving the environment
- Understand why conservation is important
- Encourage kids to partake in activities that benefit the environment outside the classroom
- Increase awareness of the world around them

Day 9 and 10: STEM Empowerment: 30 minutes each day

Day 9: Famous STEM Figures

Objectives

- Learn about a famous scientist from a diverse background

- Have students imagine themselves as future scientists
- Encourage students to get involved with the world of STEM
- Increase student curiosity about the world

Day 10: How to Get More Involved

Objectives

- Learn about different types of sciences and what STEM stands for
- Provide resources to help further understanding of science (zoology related or not)
- Have students imagine themselves as future scientists
- Encourage students to get involved with the world of STEM