

Objective

By the end of this 150-hour course, the student will gain a comprehensive understanding of animal anatomy and physiology, exploring various species and their biological systems. The student will also develop skills in art, language, and critical thinking, culminating in a project that showcases their knowledge and creativity.

Materials and Prep

- Textbook: "Animal Anatomy and Physiology" (Whole Book)
- Videos: "The Inner Workings of Animals" (Video Lessons)
- Art Supplies: Sketchbook, colored pencils, anatomy models
- Access to online resources for foreign language vocabulary related to anatomy
- Materials for hands-on activities: clay, scissors, glue, and paper
- Notebook for English and Social Studies reflections
- Computer or tablet for research and video lessons

Activities

- **Animal Anatomy Model Creation:** Using clay and other materials, the student will create a 3D model of an animal's anatomy, labeling the major systems (skeletal, muscular, circulatory, etc.). This hands-on activity reinforces their understanding of the physical structures.
- **Artistic Representation:** The student will create a detailed sketch or painting of an animal, focusing on its anatomical features. They will research the animal's physiology to accurately depict its body systems.
- **Language Exploration:** The student will learn relevant vocabulary in a foreign language (e.g., Spanish, French) related to animal anatomy. They will create flashcards and practice using these terms in sentences.
- **Research Project:** The student will select an animal to research in-depth, exploring its anatomy, physiology, and habitat. They will present their findings in a multimedia format (presentation, video, or report).
- **Field Trip or Virtual Tour:** If possible, the student will visit a local zoo or aquarium to observe animals and their behaviors. Alternatively, they can take a virtual tour of a veterinary clinic or wildlife sanctuary.

Talking Points

- **Art:** "Art can help us visualize complex systems. How can we use colors and shapes to represent anatomy?"
- **English:** "Writing about what we learn helps solidify our understanding. How can we describe animal anatomy in our own words?"
- **History:** "Understanding how animals have evolved over time gives us insight into their anatomy. What can we learn from the past?"
- **Science:** "Anatomy is the foundation of biology. Why is it important to understand how different systems work together?"

Animal anatomy and physiology for high school. Whole books, video lessons and hands-on activities must be included, as well as relevant career options where this learning will be needed. This must be a 150 hour course / Lesson Planner / LearningCorner.co

- **Social Studies:** "Animals play a significant role in various cultures. How does understanding animal physiology affect our relationship with them?"
- **Useful Phrases (Foreign Language):** "In Spanish, 'anatomía' means anatomy. Can you use this word in a sentence?"