

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?"

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

- **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?"
- **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?"