

# Chicken Model

## Curriculum Overview

### Designed for:

- High school students
- Post-secondary students
- Workforce development students

### Length:

This curriculum is comprised of one lesson that takes approximately 1 hour to complete.

### Goal:

To help participants learn the anatomy and physiology of poultry through a variety of activities and use of the chicken model.

### Synopsis:

This model and accompanying curriculum provide general anatomy and physiology information about poultry. This program will provide key anatomical terms, and functions of the major bodily systems of poultry. The lesson includes facilitator instructions, slide presentation, and quiz. The lesson and activities include objectives, materials required and approximate class time.

### Issues Addressed:

- How birds differ from mammals
- Key vocabulary terms associated with avian anatomy and physiology
- The integumentary system
- The respiratory system
- The skeletal system
- The digestive system
- The circulatory system
- The urinary system
- The reproductive system

### Curriculum Components:

- Teacher's guide - Complete lesson, including detailed steps of activities, time and materials needed, student handouts and instructor information to teach the lesson
- Student materials
- Assessment tools
- PowerPoint presentation slides

### Learning Objectives:

- Understand the definitions of anatomy and physiology
- Understand anatomical terms to describe areas of the avian body
- Define and discuss the functions of major body systems of poultry
- Understand how avian systems differ from other mammals