# Frog Dissection

**Grade Level: 9**

## Overview

The purpose of this lesson is for students to learn how to correctly dissect a frog.

## Objectives

1. When given a test, students will be able to dissect a frog and identify the internal organs with 85% accuracy.

## Standards

- AS.3.1 Identify the major organ systems found in vertebrate animals.
- AS.3.5 Identify and describe the two layers of skin: epidermis and dermis.

## Materials

- A frog for dissection
- Dissection tools
- Biology Textbook

## Procedure

1. The lesson will start with the teacher reviewing the previous lesson on the internal structures of a frog, pictured in the textbook.
2. The teacher will then access the Internet, using the classroom computer, and project the computer screen onto the wall (so everyone can see).
   a. The teacher will utilize Ustream.tv to upload a broadcast on dissecting a frog. Students will see how to properly dissect the frog before attempting to do so themselves. Students are to take notes on the steps to dissect their frog (sketches are acceptable). THESE NOTES WILL BE EVALUATED.
   b. Students will also identify the internal organs within the frog.
3. Students will then break into groups of two to dissect the frogs together.
   a. Students will follow the directions they took notes on in the broadcast.
   b. Students will then identify the eternal organs within the body of the frog and label each organ with a tagged pin.

## Evaluation

Students will hand in their notes for the teacher to evaluate their steps. Notes will be graded on each step included; 1 point will be deducted for a missed step. Students will also be evaluated on identifying the internal organs of the frog.