

SynFrog Facebook Live Dissection Event Pre-Lab

Background Information

Frogs are classified as amphibians or "animals that live a double life." The name is appropriate because amphibians spend their immature lives in water and their adult lives primarily on land. Tadpoles, or young frogs, are entirely aquatic. Adult frogs can live on land or in water. In this investigation, you will dissect a frog.

Pre-Lab Procedures

You will begin by watching the video below, demonstrating a virtual dissection and showing the major internal organs of a frog.

https://www.youtube.com/watch?v=gQY7Vey4zss

Then, identify the structure and function of the following organs that you will see during the dissection.

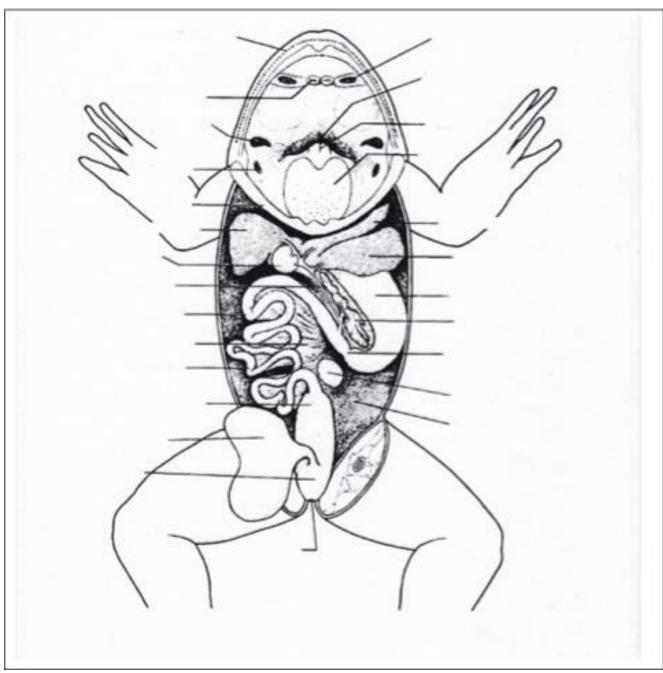
| Structure | Description | Function | |
|-----------------|-------------|----------|--|
| Heart | | | |
| Lungs | | | |
| Liver | | | |
| Gall Bladder | | | |
| Esophagus | | | |
| Stomach | | | |
| Small Intestine | | | |
| Pancreas | | | |
| Spleen | | | |
| Kidney | | | |
| Large Intestine | | | |
| Oviduct | | | |
| Cloaca | | | |

You will continue by coloring and labeling the frog diagram below. You MUST use the color code below.

Fat body = yellow Gall Bladder = green Lungs = blue
Liver = purple Stomach = orange Spleen = grey
Large Intestine = brown Small Intestine = dark blue Heart = red

Pancreas = pink Kidney = black





Urogenital System

The frog's reproductive and excretory system is combined into one system called the urogenital system. You will need to know the structures for both the male and female frog



Color and label the parts of the male and female urogenital systems.

Kidneys = red Testes = blue Bladder = purple

Cloaca = green Oviducts = pink Eggs = black

Fatty bodies = yellow

