

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

