

Frog Dissection

I. Mouth and Head Structures

- A. External Nares
- B. Internal Nares
- C. Vomer Teeth
- J. Tongue
- D. Maxillary teeth
- E. Glottis
- F. Esophagus
- K. Eustachian tubes
- G. Tympanum
- H. Cloaca
- I. Eye Lids (3)

II. Skin Removal

III. Major Muscles

- A. Gastronemius
- D. Rectus abdominis
- G. Sartorius
- B. Semimembranosus
- E. Pectoralis
- H. Triceps femoralis
- C. External Oblique
- F. Deltoid
- I. Latissimus dorsi

IV. Internal Dissection

- A. Body Cavity Cuts
- D. Male or Female?
- B. Pectoral Girdle Removal
- C. Pin properly

V. Label: Digestive System

List its Function

- A. Liver _____
- B. Gall Bladder _____
- C. Esophagus _____
- D. Stomach _____
- E. Small Intestine _____
- F. Large Intestine _____
- G. Spleen _____
- H. Mesentery _____
- I. Cloaca _____
- J. Pancreas _____

VI. Circulatory & Respiratory System

- A. Lungs (2)
- E. Right Atrium
- B. Bronchi
- F. Ventricle
- C. Heart
- D. Left Atrium

VII. Urogenital: (You're responsible for identifying both male & female parts)

- A. Kidneys
- E. Testis
- B. Ureters
- F. Ovary
- C. Bladder
- G. Oviduct
- D. Cloaca
- H. Uterus

VIII. Brain and Spinal Cord: *Most difficult part of the dissection*

- A. Dorsal Side up, pin limbs, cut away tissue exposing spinal column, forceps to Tease away tissue exposing vertebrae and skull, cut cranium w/ scissors, remove bone to expose brain, expose spinal cord in similar way.
- B. Olfactory lobe
 - F. Medulla oblongata
 - C. Cerebrum
 - G. Optic Nerve
 - D. Optic Lobe
 - H. spinal nerves
 - E. Cerebellum

VII. Drawings

- A. Mouth: Internal Structures- Label all internal structures listed above
- B. Digestive Tract: Remove intact layout & measure, draw and label
- C. Heart: Dissect out w/ arteries and veins attached
 - a. Draw and label: include all above structures
 - b. Draw and label: blood movement thru the heart and body
- D. Brain: Draw and label above structures

Mouth Structures

Digestive System

Heart A & B

Brain