

Things to know about PERCH for Lab Exam:

Nostrils or nares

Lateral Line

Branchiostegal membranes

Fins (all with correct names and spines v rays)

Skeletal Elements (see skeleton review)

Caudal peduncle

Epaxial and Hypaxial myomeres

Lepidotrechea (spine)

Adductor mandibulae

Myosepta

Eye and lens

Gill rakers, gill arches, gill filaments and lamellae

Heart

Esophagous

Liver

Stomach

Duodenum

Pyloric caeca

Spleen

Pancreas

Intestine

Swill bladder and rete

Tongue

Kidney

Heart (sinous venosus, atrium, ventricle and bulbous arteriosus)

Dorsal and ventral aortas

Efferent vs. afferent arteries

Cardinal sinuses

Telencephalon = olfactory lobes

Diencephalon = pineal stalk

Mesencephalon = optic lobes

Metencephalon = cerebellum

Myelencephalon = medulla oblongata

And when in doubt, say Gonad (know testis and ovary)