

# Download Dogfish Dissection Guide

Grades 8-12. Bruce D. Wingerd. 2007. Presents the gross anatomy of the spiny dogfish in a logical, understandable sequence of dissection instructions and pictures. The author supplements dissection procedures with descriptions of basic physiology, morphological adaptations, and the structural relationships. An Illustrated Guide to the Dissection of the Shark Introduction Sharks used in dissection classes are usually the dogfish: *Squalus acanthias*. Because of its ready availability and primitive chordate structure, it is often the only fish a student will dissect in a comparative anatomy course. Tools you will need for the dissection are: 1. Dogfish Dissection The Digestive Tract and Body Cavities Vertebrates have a coelomic body cavity. This coelomic space is divided anteriorly into a pericardial (heart) cavity and a posterior pleuroperitoneal cavity by the transverse septum, a tough, white membrane. This is the situation in the dogfish and *Necturus*. In The purpose of this guide is to present a summary of the available information on the anatomy of the spiny dogfish. Its primary focus is the presentation of a logical and understandable sequence of dissection instructions that will guide students through a pictorial journey of dogfish anatomy.