

Human Impact Lab: Fish ID

Loggerhead Marinelifelife Center

Loggerhead Marinelifelife Center is an ocean conservation organization and sea turtle hospital located adjacent to one of the most important sea turtle nesting beaches in the world. The Center features an on-site campus hospital, research laboratory, educational exhibits and aquariums, and also operates the Juno Beach Pier, which hosts world-class angling and sightseeing. The Center's conservation team works with 76 local and international organizations across six continents to form partnerships and share conservation initiatives and best practices that are core to its mission of ocean conservation. The Center is expanding and has launched its Waves of Progress capital expansion campaign, designed to accelerate and amplify LMC's conservation and education impact.

Our mission is to promote conservation of ocean ecosystems with a special focus on threatened and endangered sea turtles. Our vision is to be recognized locally and internationally as the leading authority in sea turtle education, research and rehabilitation.



Lesson Objectives

- I can describe the different anatomical structures of a fish
- I can identify a fish using their anatomical structures

Vocab

- **Anatomical Structures:** the structure of the organism.
- **Morphology:** the study of the structure and function of a species body parts
- **Species:** a class of individuals having common attributes and designated by a common name
- **Physical Characteristics:** defining traits of features of an organisms body
- **Osteichthyes (Ost-e-ick-thees):** a class of fishes that includes those with a bony skeleton

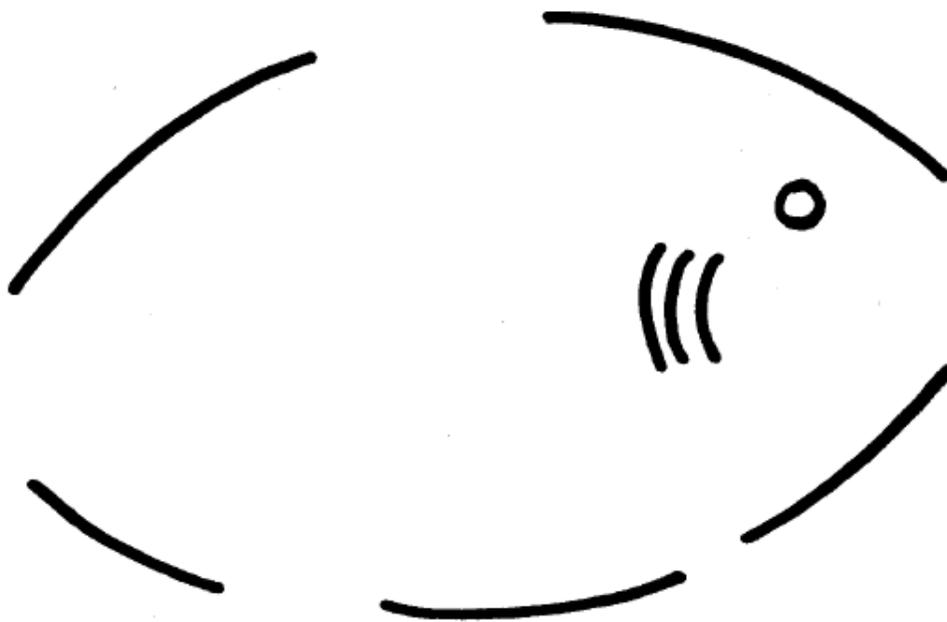
Resources



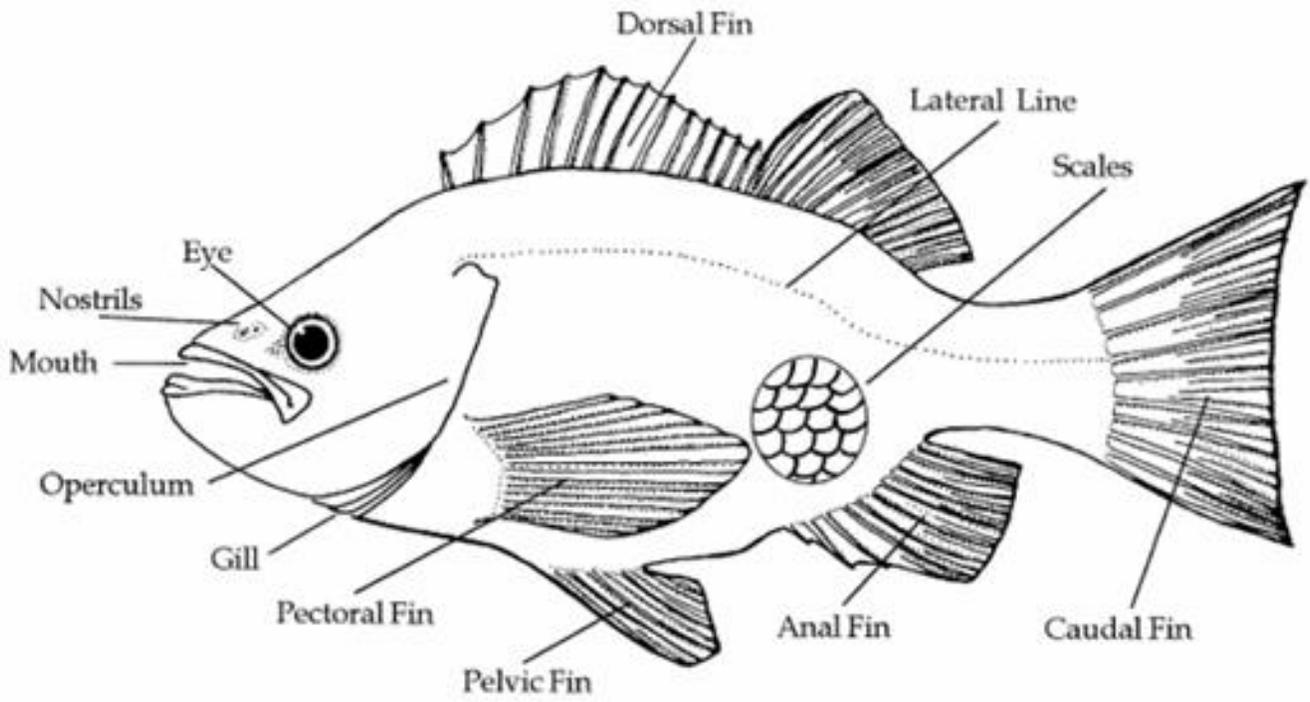
Visit Marinelife.org to learn more about Loggerhead Marinelifelife Center!

Fishy Adaptations

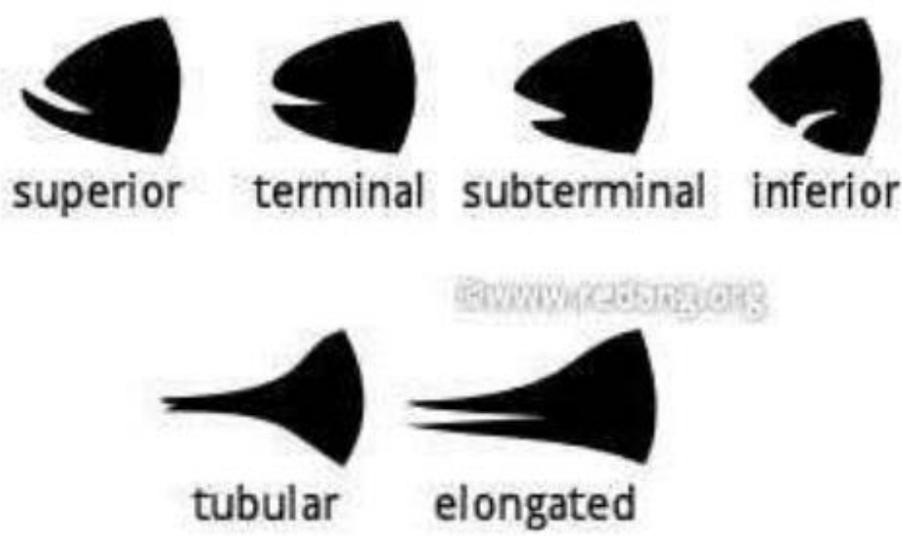
Draw anatomical structures (fins, tail, mouth) and physical characteristics (coloration, markings) on the fish below. Think about the species environment, predators, and behavior and write a summary of your fish in the box below.

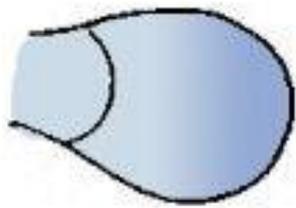


Summary (structure, physical characteristics, behavior, habitat, predators, prey):

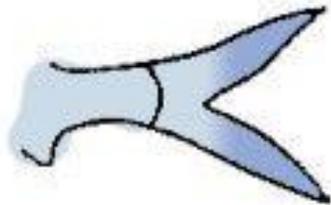


Mouth Position of Fish

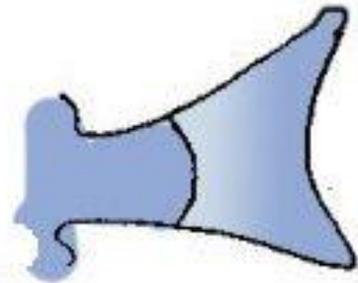




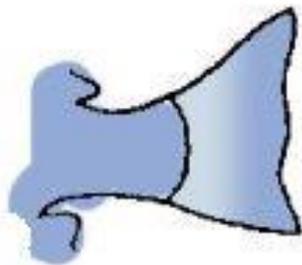
round



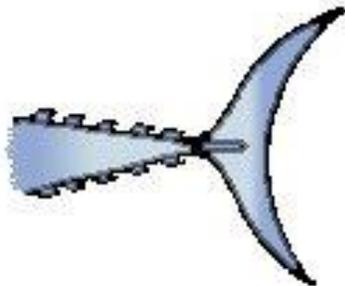
forked



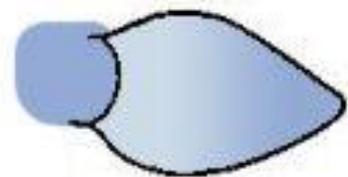
indented



square (truncate)



lunate



pointed

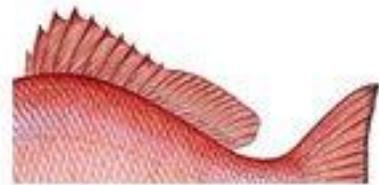
Caudal Fins



spine dorsal fin



trigger



single



Split



trailing dorsal fin

Dorsal Fins