

Week 6 - Respiratory system of fish

- The main respiratory organs of fishes are gills- hence called as branchial respiration.
- The gills are located either side of the pharynx in the branchial chamber.
- The gills are open to exterior in elasmobranches, hence known as open type of branchial system.
- Each gill consists of arch, lamellae and rakers. Gaseous exchange takes place in gill lamellae.
- Water enters into the body through the mouth except in few elasmobranches.
- The water enters into branchial chamber through buccal cavity and pharynx and goes out through external branchial openings after bathing the gill lamellae.