

Name: _____

Period: ____ Date: _____

Osteichthyes: Bony Fishes

1. Describe the **skeletons** of bony fishes.
2. What are the two functions of the **mucus** which coats the scales of fish?

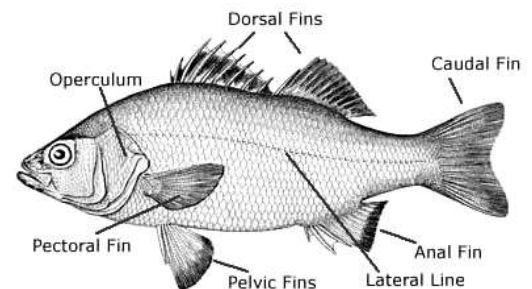
Breathing in Bony Fish: (p291-292)

3. Describe breathing in fish using the terms *mouth*, *gill membrane*, *operculum*.

Locomotion in Fish (p292-294)

4. Define the term **nekton**.
5. Which type of fin compares to the **forelimbs** in animals?

6. Which type of fin compares to the **hind limbs** in animals?



7. Define the term **pelagic**.
8. What are the three factors that affect **fish speed**?

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Buoyancy (p294-295)

9. Describe how the swim bladder can allow fish to rise and sink.

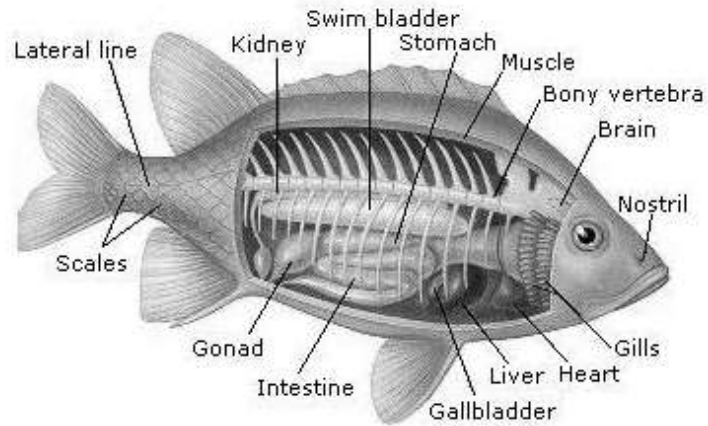
Feeding in Fish (p295)

10. Describe the process of straining.

11. Describe three other ways that fish are adapted to catch food:

Sensitivity in Fish (p296)

12. Explain how the lateral line organ receives sound messages and sends them to the brain.



13. What are nares?

Reproduction in Bony Fish (p297-298)

14. Why do fish produce a large number of eggs?

15. What are the five major stages of the fish life cycle?

