

Student Worksheet: Fish anatomy SS

Phase of learning

Senior Secondary (Years 11-12)

WA Curriculum

SS Biology – ATAR, SS Biology – General, SS Integrated Science – General

Region

North Coast, Gascoyne Coast, West Coast, South Coast, Indian Ocean Territories

Summary

This worksheet is associated with the Lesson: Fish Dissection - Senior Secondary



Fish anatomy

Name: _____

Match the correct body part to the definition:

- Swim bladder
- Gonads
- Scales
- Heart
- Brain
- Pectoral fins
- Gills
- Spine
- Liver

- a. Extracts oxygen from the water so the fish can respire: _____
- b. A hollow, gas-filled sac that keeps the fish buoyant in the water:

- c. Pumps blood to the gills and around the body: _____
- d. Reproductive organs of the fish: _____
- e. Controls the nervous system of the fish: _____
- f. Provides support to the body, protection to the brain and an attachment place for muscles: _____
- g. Serve as a protective covering against bacterial infection: _____
- h. Used individually to turn the fish in either direction or control up and down movement: _____
- i. Aids in digestion and is also a storage area for fats, blood sugars and vitamins:

Short answer

Describe the circulatory system in a bony fish

How do fish living in salt water maintain water balance through osmoregulation?

Is a fish an ectotherm or endotherm? What does this mean?

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[SW - FISH ANATOMY SS](#)

Related resources

[Lesson: Fish Dissection - Senior Secondary](#)

[Poster: Bony Fish - External Anatomy \(including information\)](#)

[Poster: Bony Fish - Internal Anatomy \(including information\)](#)

[Student Worksheet: Bony fish anatomy - Australian herring SS](#)

[Fact Sheet: Fish Anatomy](#)

[Student Worksheet: Bony fish anatomy - Painted sweetlips SS](#)

[Student Worksheet: Bony fish anatomy - Brown stripe snapper SS](#)

[Student Worksheet: Bony fish anatomy - Trumpeter SS](#)

[Student Worksheet: Bony fish anatomy - Whiting species SS](#)