

Fish Dissection Word Search

B Z M L T W Z B E T B D S L G
L O X Y G E N V E F E I T L G
A H X B T B X I R Z X G O I P
D Q G H G J M P R H C E M V Y
D W D P X A Q A D A R S A E L
E S O P H A G U S D E T C R O
R A T R I U M K G A T I H V R
V I Y G H N V I I P O V E E I
A L R W T O V D L T R E T N C
Z Y S M N I X N L A Y V G T A
H G W R I N T E S T I N E R T
E A N A T O M Y P I V A E I R
A N N X G B H Q U O H T K C I
R S Y S T E M T A N L M U L U
T M O R P R O K X S D N H E M

Search for the words in **bold** in the puzzle above. Words are arranged up, down, and backwards.

A fish's internal **anatomy** is unique and has specialized **adaptations** so it can survive under water in a variety of water conditions. The main organ in the **circulatory** system is the heart. A fish **heart** has 2 chambers: an **atrium**, which collects blood from the body and pumps the blood into the second chamber called the **ventricle**. Oxygen rich blood then leaves the heart through arteries.

In the **digestive** system, food enters the mouth where it moves through the **esophagus** to the stomach. Acids in the **stomach** break down food and the **pyloric** caeca absorbs nutrients much like our small intestine does. Food then moves through the **intestine** until it exits the fish as waste.

The main organ in the respiratory system are the **gills**. Gills allow the fish to breathe by taking **oxygen** from the water, much like our lungs absorb oxygen from the air.

The nervous **system** is driven by the brain. The brain receives and sends messages throughout the body via nerves and the spinal cord.

The **excretory** system is responsible for the elimination of the waste products. A key organ here is the **kidney**. The kidney filters the blood and removes wastes which are diverted to the urinary bladder.

The air **bladder** is a unique adaptation that inflates and deflates allowing the fish to rise or sink in the water.

The **liver** has a wide range of functions including detoxification and production of chemicals necessary for digestion.