

Fold

Human thorax

The ribs and upper backbone, and the organs found in the chest.



Alveoli

Tiny air sacs in the lungs, where gas is exchanged during breathing.



Operculum

A flap on the side of the head of a fish through which water passes after it has flowed over the gills.

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First cut along the solid lines and then fold each flashcard along the dotted line, so the keyword is on the front and the explanation is on the back.

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Ventilation

Breathing in and out.



Substrate

A substance on which enzymes act.



Enzyme

A protein which catalyses or speeds up a chemical reaction.

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Active site

The part of the enzyme to which a specific substrate can attach or fit on to.



Pulmonary circuit

The part of the circulatory system that involves the right side of the heart, the lungs, and the blood vessels that connect them together.



Systemic circuit

The part of the circulatory system that includes the left side of the heart, the rest of the body apart from the lungs, and the blood vessels that connect them together.

Xylem vessels

Narrow, hollow, dead tubes with lignin, responsible for the transport of water and minerals in plants.



Phloem

The tissue in plants that transports the products of photosynthesis, including sugars and amino acids.



Transpiration

The loss of water from leaves by evaporation through the stomata.

Osmosis

The movement of water molecules across a selectively permeable membrane from a region of higher water concentration to a region of lower water concentration.



Epidemiology

The study of the distribution and patterns of health and disease.



Correlation

A relationship between two sets of data, such that when one set changes you would expect the other set to change as well.