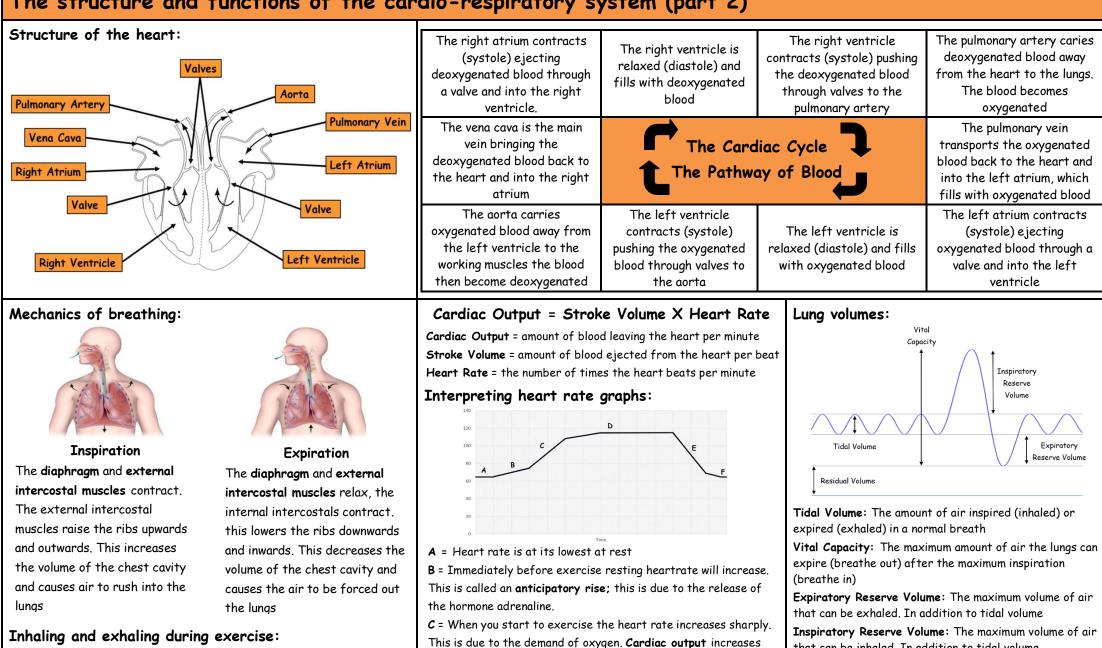
The structure and functions of the cardio-respiratory system (part 2)



D = During continuous exercise heart rate levels because the

E = Immediately after exercise heart rate decreases sharply,

this is because exercise has stopped and the demand for oxygen

heart rate is sustaining the amount of oxygen needed.

F = Heart rate slowly returns to its resting rate

has reduced.

that can be inhaled. In addition to tidal volume

lungs even after a forced maximal exhalation

Residual Volume: The amount of air that remains in the

Tidal volume during exercise increases. Breathing

rate and depth increase due to meet the demand

of oxygen, carbon dioxide is also removed

During inspiration

The **pectorals** and **sternocleidomastoid** muscles raise the sternum allowing the lungs to expand further

During expiration

The rib cage is pulled down guicker due to the contraction of the abdominal muscles