Know the basics

Be able to identify the parts of the heart. Be able to explain how blood moves through the heart and how it moves through the circulatory system. Be able to explain the components of the blood.

Right atrium left atrium right ventricle left ventricle

Pulmonary valve mitral value tricuspid valve aortic value

Superior vena cava inferior vena cava pulmonary artery pulmonary vein

Systemic system pulmonary system capillaries venule

Arteriole vein artery SA node

AV node Bundle of His right & left bundle branch Purkinje fibers

Be able to identify the parts of the respiratory system. Be able to explain how gases are exchanged in the lung and in the cell / capillaries.

Trachea bronchioles diaphragm bronchi

Ribs pleural membranes larynx pleural cavity

Cartilage around trachea alveoli capillaries epiglottis

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