

4.6 Evaluation & Classwork



definitions

arteries: carry blood away from the heart

veins: carry blood towards the heart

capillaries: smallest blood vessels responsible for gas exchange & nutrients (O₂ ---- CO₂)

super vena cava ----- right atrium ----- tricuspid valve ----- right ventricle -----

pulmonary valve ----- right & left pulmonary arteries ----- right & left lungs: take in O₂ &

drop off CO₂ ----- right & left pulmonary veins ----- left atrium ----- mitral / bicuspid valve

----- left ventricle ----- aortic valve ----- ascending aorta ----- descending aorta -----

arteries ----- arterioles (smallest arteries) ----- capillaries: exchange O₂ ----- CO₂ -----

venules (smallest veins) ----- veins -----inferior vena cava ----- back to the super vena

cava restarting the process