Heart Notes from Video on the Blog – 20.12.03

<https://www.youtube.com/watch?v=_qmNCJxpsr0&feature=emb_logo>

* Everyday
	+ Beats 100,000 times a day and 2,000 gallons
	+ No bigger than you fist
	+ 60,000 miles of blood vessels
* Food water and oxygen are essential
	+ They all travel in the blood to the body
* Blood vessels
	+ Arteries, veins, and capillaries
* Heart is a muscle that pumps
	+ 72 bpm
* Parts of the heart
	+ Top parts are the atrium (L + R)
	+ Lower parts are the ventricles (L + R)
	+ Four valves
		- Tricuspid
		- Mitral
		- Aortic
		- Pulmonic
			* One way valves
	+ Half for oxy blood and half for non-oxy
* The path of blood in the heart
	+ Oxy blood comes in through the pulmonary Vein
	+ …to the left atrium
	+ …to the left ventricle
	+ …ventricle squeezes and fires blood into the Aorta
	+ Aorta sends the blood to the arteries
	+ …branch into the capillaries in the body for diffusion
	+ Now the blood is de-oxygenated blood
	+ …goes from capillaries to veins to the Venacava (big tube going into the heart)
	+ Dumps into the right atrium
	+ …then to the r ventricle
	+ …then pumps up through the pulmonary artery