

# Structure and Function in Living Systems

Name:

## Circulatory and Respiratory Systems Movie Notes

Period:

Match the definition with the term. The definitions are in the order in which they show up in the movie. The terms are in alphabetical order. Use the movie and Chapter 16 to help you.

LETTER	DEFINITION	TERM
	these keep your body healthy and growing	A) alveoli
	a gas you take in when you inhale	B) arteries
	a gas you get rid of when you exhale	C) blood
	a process where cells take in oxygen and nutrients to make energy; they then give off carbon dioxide and water vapor	D) bronchi
	the system that has nutrients traveling in it that is made of the heart, blood vessels, and blood (2 answers)	E) bronchial tubes
	lungs are the main organ of this system	F) bronchioles
	material that cells don't need that is carried by blood to other organs	G) capillaries
	tube where speech sounds are made	H) carbon dioxide
	fancy name for windpipe	I) cardiovascular system
	two tubes that split off of the trachea	J) cellular respiration
	smaller tubes that look like trees in the lungs	K) circulatory system
	tiny "branches" on bronchial tubes	L) heart
	balloon-like air sacs that have capillaries for gas transfer	M) hematologist
	the amount of air that lungs can hold	N) hemoglobin
	a large involuntary muscle that runs the circulatory system	O) larynx
	blood vessels that carry blood away from the heart	P) nutrients
	very tiny blood vessels with very thin walls that connect arteries and veins	Q) oxygen
	blood vessels that carry blood towards the heart	R) plasma
	tissue that carries gases, nutrients, & waste in the body, and fights disease	S) platelets
	part of blood that is mostly water, but also has proteins, vitamins, and salts	T) red blood cells
	type of blood cells that carry gases, nutrients, and waste	U) respiratory system
	attracts oxygen in red blood cells	V) trachea
	type of blood cells that fight disease	W) veins
	type of blood cells that heal cuts by making fibrin	X) vital lung capacity
	someone who studies blood	Y) waste
		Z) white blood cells