

# Structure and Function in Living Systems

Name:

## Organ Systems Organized

Period:

Use information from the movie and Chapter 15, Section 1 of your book to complete the chart below. For each organ system, match up its function and components correctly.

organ system	function letter	components letter	function choices	components choices
cardiovascular			A) absorbs oxygen and releases carbon dioxide (breathing)	M) bones, cartilage, ligaments
digestive			B) breaks down food so your body can absorb it	N) brain, spine, nerves
endocrine			C) glands to send out chemical messages	O) heart, veins, arteries, capillaries
female reproductive			D) movement	P) kidneys, bladder
integumentary			E) produce and deliver sperm	Q) lungs
lymphatic			F) produce eggs and protect the fetus	R) lymph nodes, spleen
male reproductive			G) protect tissue underneath	S) muscles and tendons
muscular			H) pump blood throughout body	T) glands, ovaries, testes
nervous			I) receive and send electrical messages through the body	U) penis and testes
respiratory			J) removes waste from blood	V) skin, hair, and nails
skeletal			K) returns fluids to blood vessels, gets rid of bacteria and viruses	W) stomach, intestine
urinary			L) supports and protects body	X) vagina, uterus, ovary