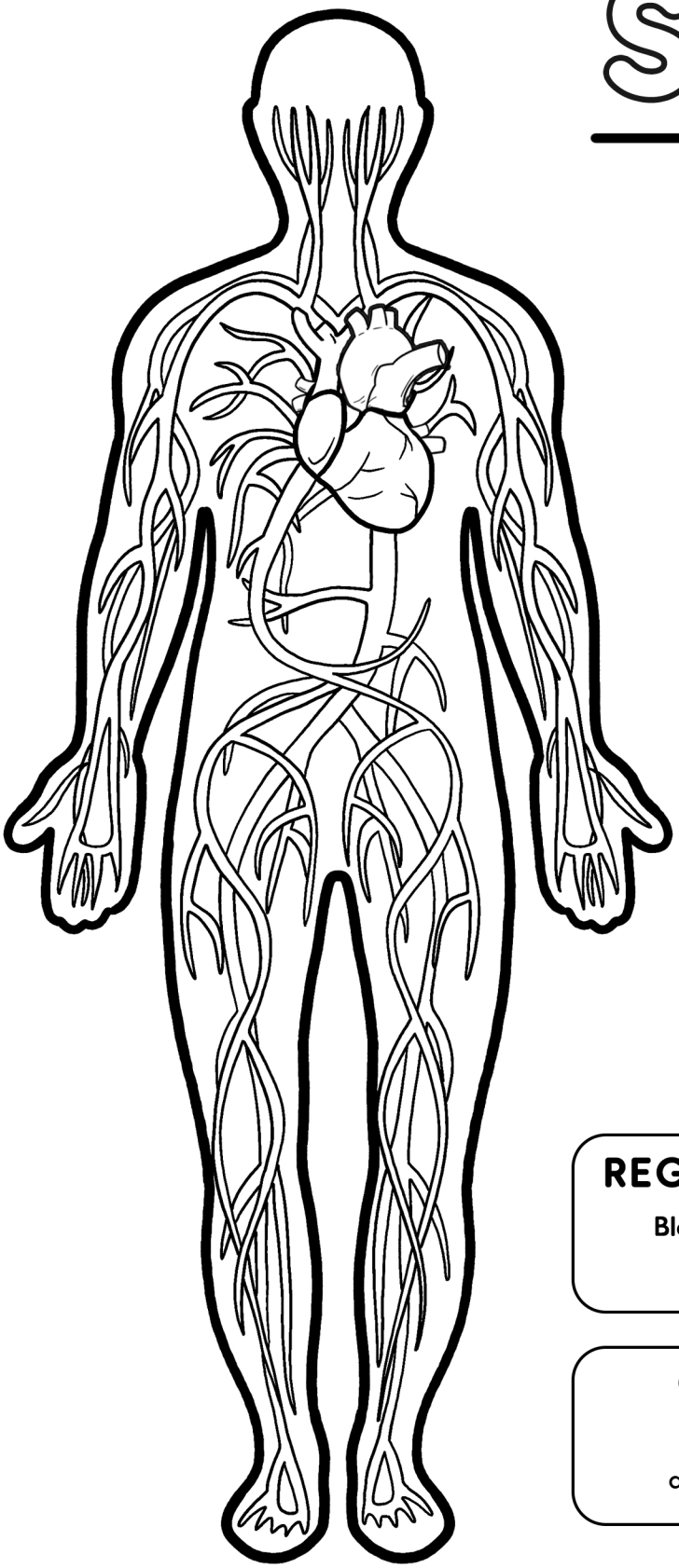
FUNCTIONS OF THE CIRCULATORY SYSTEM



TRANSPORTS OXYGEN

The **heart** pumps oxygen-rich blood through **arteries** to reach every part of the body.

DELIVERS NUTRIENTS

Blood carries digested nutrients through the body's **blood vessels** to fuel cells with energy.

REMOVES WASTE

Veins carry blood containing carbon dioxide and waste back to the **heart** and **lungs** to be breathed out, while the kidneys filter other wastes from the blood.

FIGHTS INFECTION

White blood cells, carried in the blood, help defend the body against germs and infection.

REGULATES BODY TEMPERATURE

Blood vessels near the skin widen or narrow to help control how much heat the body releases.

CLOTS TO HEAL WOUNDS

Platelets in the blood clump together to seal a wound, stop the bleeding, and promote healing.

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