

Pathways of the Circulatory System Answer Key

1.

Pathway	Structures involved	Function
Systemic	pulmonary veins, left atrium, bicuspid valve, left ventricle, semilunar valve, aorta, body	<ul style="list-style-type: none"> to provide oxygen-rich blood to the body
Pulmonary	vena cavae, right atrium, tricuspid, right ventricle, semilunar valve, pulmonary arteries, lungs	<ul style="list-style-type: none"> to transport oxygen-poor blood to the lungs to pick up oxygen and release carbon dioxide.
Coronary	aorta, coronary arteries, cardiac veins	<ul style="list-style-type: none"> to provide blood to muscle tissue of the heart.

2.

