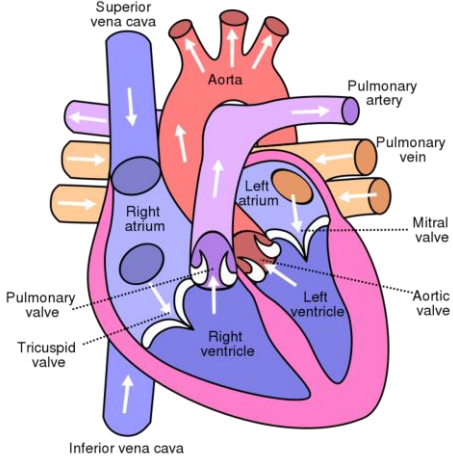
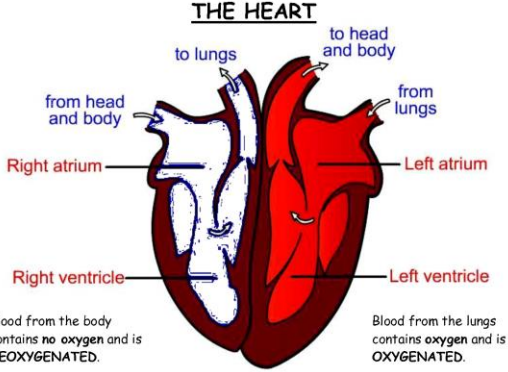





How does the circulatory system work?

Key Knowledge (Fab 5)	Models and images to support learning	Vocabulary (Big 6)
<ol style="list-style-type: none"> 1) The heart pumps blood in blood vessels around to the lungs, back to the heart and then around the body 2) Oxygen goes into the blood and carbon dioxide is removed by the lungs 3) Nutrients, water and oxygen are needed by the different parts of the body 4) Waste products, such as carbon dioxide, are removed as part of the circulatory system 5) Diet, exercise and lifestyle have an impact on the way our bodies function; they can affect how well our heart and lungs work 	<div style="display: flex; flex-direction: column; align-items: center;">  <p style="text-align: center;">THE HEART</p>  <p style="font-size: small;">Blood from the body contains no oxygen and is DEOXYGENATED. Blood from the lungs contains oxygen and is OXYGENATED.</p> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> <div style="text-align: center;">  Blood </div> <div style="text-align: center;">  Heart </div> <div style="text-align: center;">  Blood vessels </div> </div> </div>	<p style="text-align: center;">Circulatory</p> <p>The system of organs and tissues, including the heart, blood, blood vessels, lymph, lymphatic vessels, and lymph glands, involved in circulating blood and lymph through the body.</p> <p style="text-align: center;">System</p> <p>An assemblage or combination of things or parts forming a complex or unitary whole.</p> <p style="text-align: center;">Oxygen</p> <p>a colourless, odourless, gaseous element constituting about one-fifth of the volume of the atmosphere and present in a combined state in nature.</p> <p style="text-align: center;">Carbon dioxide</p> <p>Carbon dioxide is a <i>compound</i>. Its molecules consist of one carbon atom joined to two oxygen atoms. In the atmosphere, carbon dioxide is a <i>greenhouse gas</i>. We use carbon dioxide to make drinks fizzy and keep foods fresh.</p> <p style="text-align: center;">Vessels</p> <p>The flexible tubular canals through which <u>blood</u> circulates in the body.</p> <p style="text-align: center;">Deficiencies</p> <p>Lacking some element or characteristic.</p>

