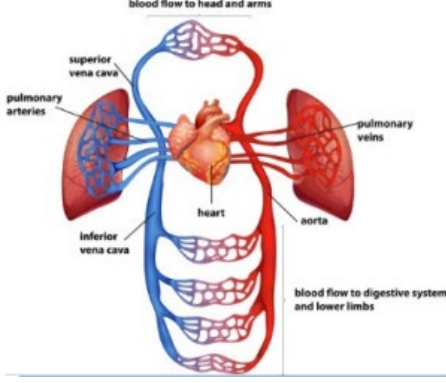
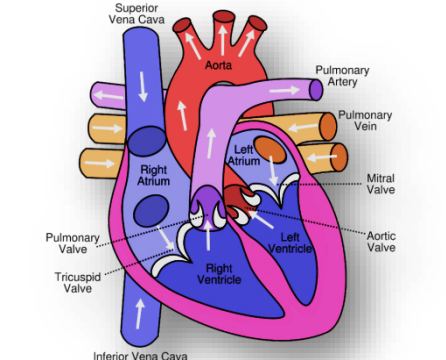
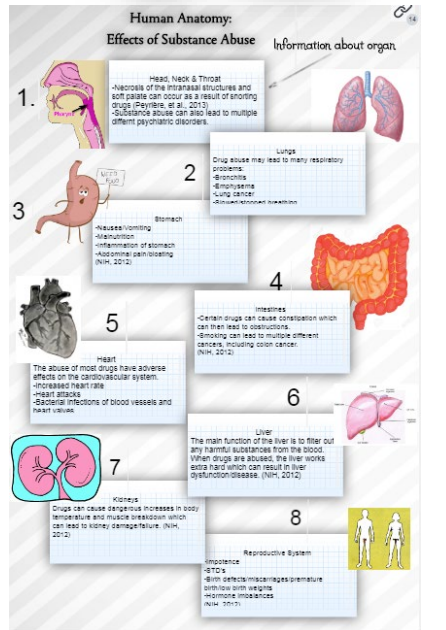


Prior Learning: Animals have body systems

P.O.S – Animals including humans

Concept – biology cell development

Facts	Vocabulary
<p>1. Definition of circulatory system:</p> <p>a) The system that circulates blood through the body, consisting mainly of the heart, blood vessels, blood</p>	
<p>2. Function of the parts:</p> <p>a) Heart - an organ that pumps blood throughout the body</p> <p>b) blood vessels - transport blood throughout the body</p> <p>c) blood - supplies oxygen and essential nutrients to cells and tissues,</p>	
<p>3. Blood vessels:</p> <p>a) Arteries – Take blood AWAY from the heart to the body organs and tissues. When blood is pumped through these, you can feel your pulse</p> <p>b) Veins – Take blood TOWARDS the heart from body organs and tissues</p> <p>c) Capillaries – Tiny blood vessels which take the blood into organs and tissues.</p>	
<p>d) Circulatory system:</p> <p>a) The right atrium collects the deoxygenated blood from the body, via the vena cava. It sends the blood to the right ventricle.</p> <p>b) The right ventricle pumps the deoxygenated blood to the lungs. Here the blood picks up oxygen and disposes of carbon dioxide.</p> <p>c) The lungs send oxygenated blood back to the left atrium which pumps it to the left ventricle.</p> <p>d) The left ventricle pumps the blood to the rest of the body, via the aorta.</p>	
<p>4. How to keep the body healthy:</p> <p>a) Diet - the kinds of food that a person, animal, or community habitually eat</p> <p>b) Exercise: - activity requiring physical effort, carried out to sustain or improve health and fitness</p>	
<p>f) Why is good nutrition important?</p> <p>a) Good nutrition is an important part of leading a healthy lifestyle.</p> <p>b) Combined with physical activity, your diet can help you to reach and maintain a healthy weight, reduce your risk of chronic diseases (like heart disease and cancer), and promote your overall health.</p>	
<p>g) Nutrients:</p> <p>a) transported throughout the body through blood via capillaries, tiny blood vessels that connect arteries to veins.</p> <p>b) Nutrients, oxygen and wastes all pass in and out of the blood through the capillary walls</p>	
<p>h) Definition of drugs and their effect:</p> <p>a) a medicine or other substance which has a physiological effect when ingested or otherwise introduced into the body.</p> <p>b) Stimulants speed or 'stimulate' the central nervous system making you feel more alert and confident</p> <p>c) can cause increased heart rate, blood pressure and body temperature, reduced appetite, agitation and sleeplessness</p>	
<p>Websites:</p>	<p>Impact drugs can have on the body:</p>