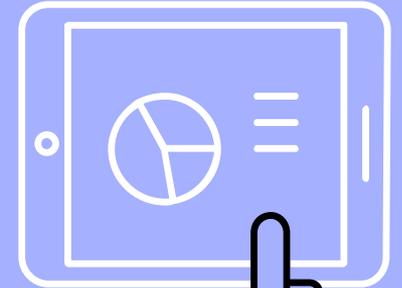
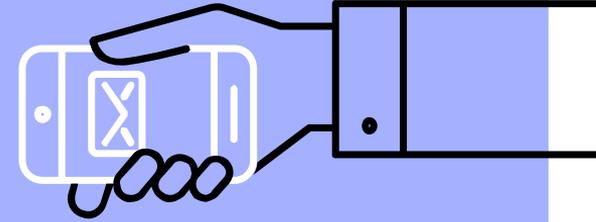
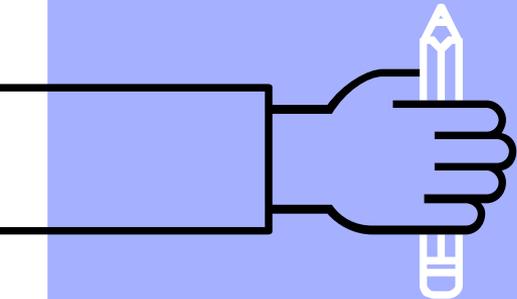
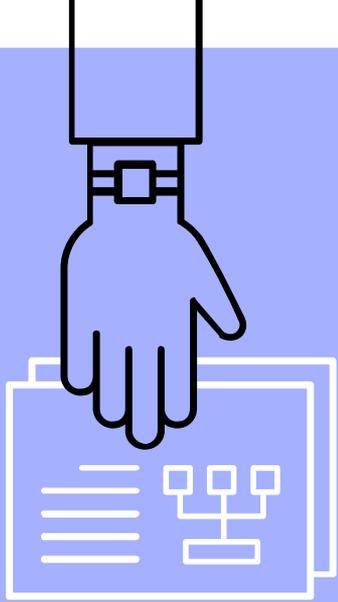


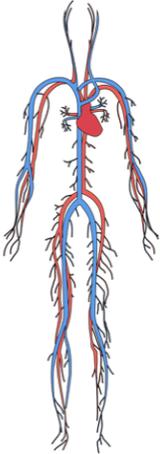
Circulatory System

By: Nixon, Jett, Sarah, Eliana and Kameryn



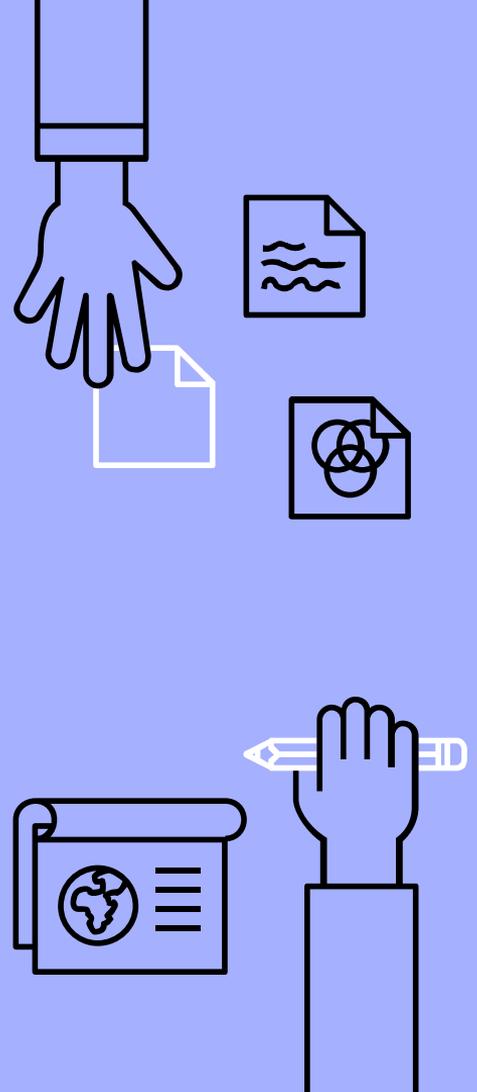
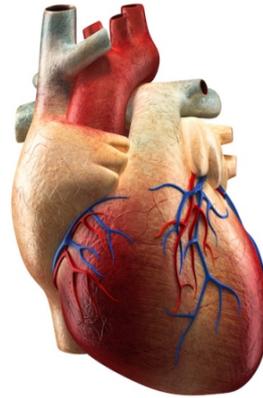
How it works

The circulatory system is the system that circulates blood, gases (oxygen) and nutrients throughout the body.



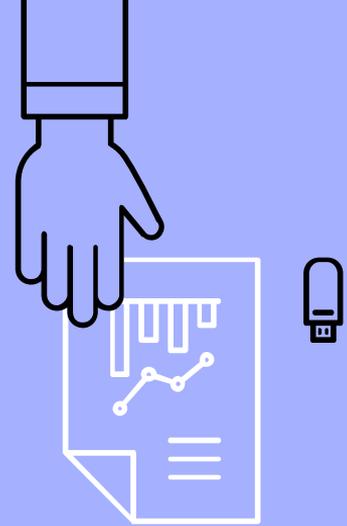
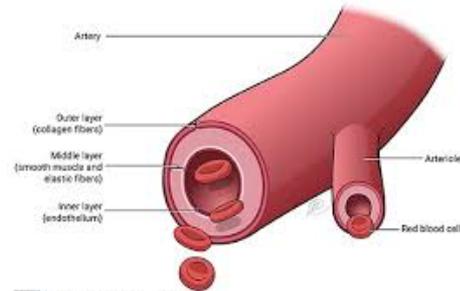
The Heart

The heart pumps oxygen and nutrient filled blood through your entire body to each part through different arteries and gets rid of carbon dioxide and waste.



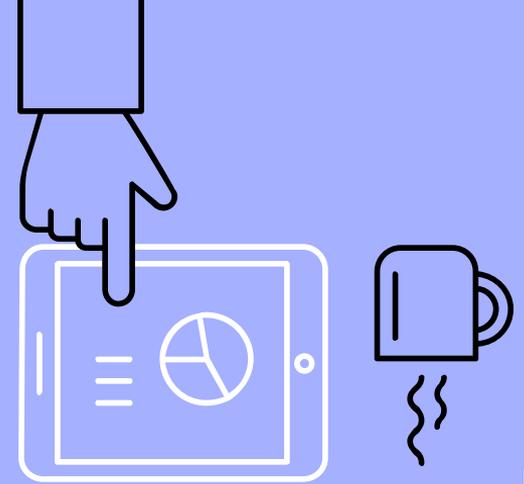
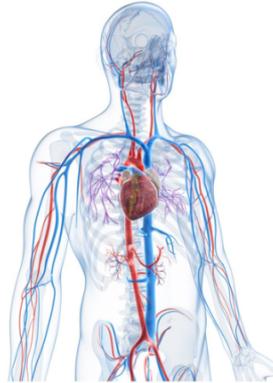
Arteries

Arteries are like veins but instead of taking blood to the heart they take oxygen and nutrient rich blood away from the heart around the body.



Veins

The veins carry blood that doesn't have any oxygen and nutrients left in it back to the heart after the arteries take the oxygen and nutrients out of it



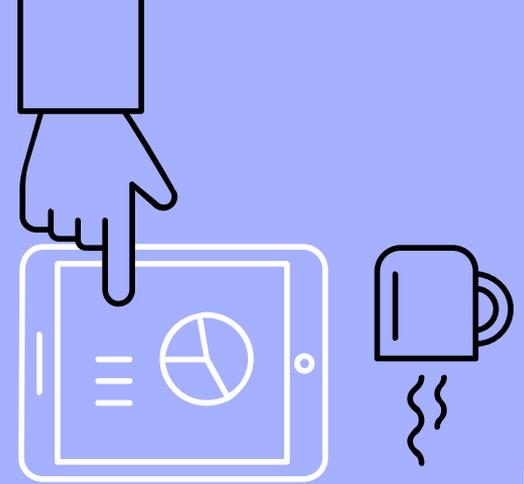
Diseases and conditions affecting the circulatory system

Hypertension-hypertension is when you have high blood pressure and your blood presses on the blood vessel walls making the heart work a lot harder than it needs to work and that can lead to heart failure.

aortic dissection-there is a tear in the wall of the artery carrying blood out of the heart as the tear extends along the wall of the aorta, blood can flow in between the layers of the blood vessel wall

Symptomes-One symptome is you can look very flushed that means your face is red

Symptomes-Sudden chest or upper back pain described as a tearing or ripping sensation that moves to the neck or down the back. Loss of consciousness And Shortness of breath.



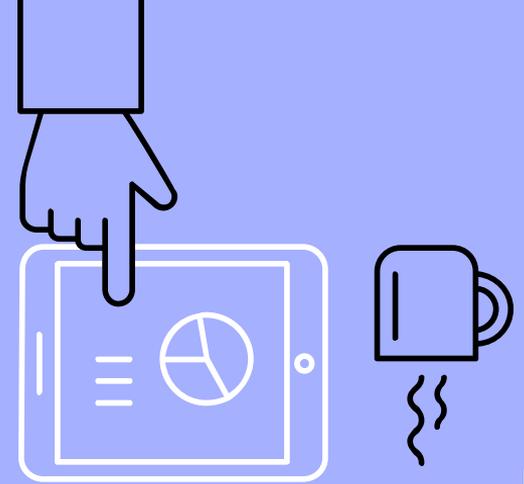
Diseases and conditions continued

Aneurysm - The artery gets bigger it weakens the artery wall that creates a bulge. It does not show symptoms at first but at its worst stage it can lead to life threatening internal bleeding.

Cardiomyopathy- heart muscle becomes bigger it can have muscle tissue replaced with scar tissue

Symptoms-Sudden extremely painful headaches,vomiting,seizures,drooping eyelids,.

Symptoms-weakness,shortness of breath, dizziness, fainting, swelling of your appendages.



Diseases continued *AGAIN*

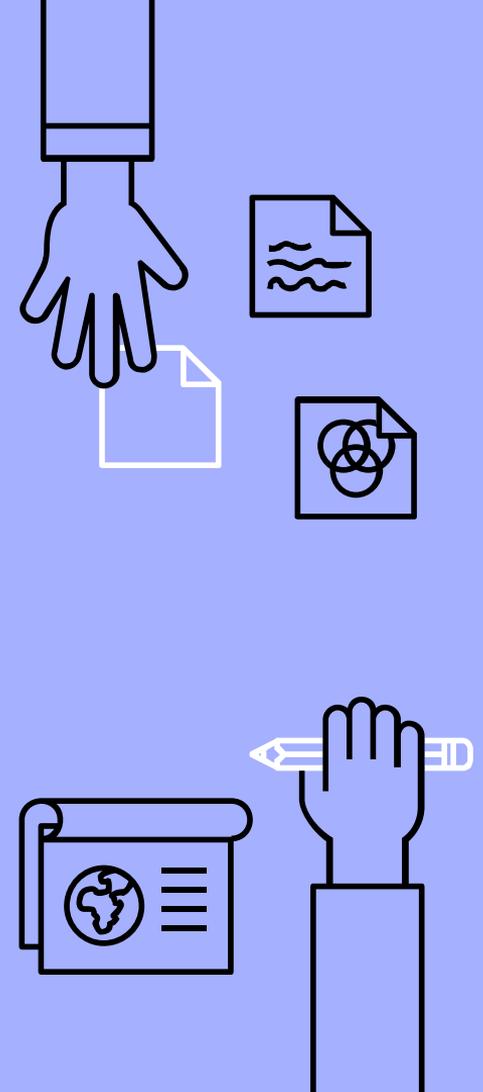
Cardiac Arrest- is when the heart unexpectedly stops beating.

Heart attack -is when blood is blocked from flowing to the heart

Symptoms-sometimes there can be no sign but there can also be fatigue or weakness,shortness of breath,fainting,dizzy or lightheaded or Heart Palpitations .

Symptoms-Pressure or tightening in your arms and your chest that can go to your neck jaw or back. Nausea and stomach or digestive problems.

Shortness of breath,cold sweat,fatigue or Dizziness.



How to keep it healthy

Basic tasks like- do not smoke, maintain a healthy weight, try and reduce stress, limit salt intake, try to avoid fast food and saturated fat and try to not have lots of sugar



The

