

# Science

## Topic: Human Body

## Year 6

### What I should know by the end of the unit?

### Vocabulary

- The circulatory system is made of the heart, lungs and the blood vessels.
- Arteries carry oxygenated blood from the heart to the rest of the body.
- Veins carry deoxygenated blood from the body to the heart.
- How to take accurate measures if your pulse rate.
- Some choices, such as smoking and drinking alcohol can be harmful.
- How the digestive system breaks down nutrients.
- The beneficial impact of a healthy diet on the human body.
- Tobacco can cause short term effects such as shortness of breath, difficulty sleeping and loss of taste and long-term effects such as lung disease, cancer and death
- Alcohol can cause short term effects such as addiction and loss of control and long-term effects such as organ damage, cancer and death
- Exercise is important for bodies because it reduces fat, tones our muscles, makes us feel physically and mentally healthier and strengthens the heart.

<b>arteries</b>	tubes in your body that carry <b>oxygenated</b> blood from your heart to the rest of your body.
<b>atrium</b>	the part of the heart that receives blood from the <b>veins</b> .
<b>blood vessels</b>	narrow tubes that your blood flows through.
<b>carbon dioxide</b>	a gas produced by animals and people breathing out.
<b>circulatory system</b>	the system responsible for circulating blood through the body, that supplies nutrients and oxygen to the body and removes waste products such as <b>carbon dioxide</b> .
<b>deoxygenated</b>	blood that does not contain <b>oxygen</b> .
<b>oxygenated</b>	blood that contains <b>oxygen</b> .
<b>pulse</b>	the regular beating of blood through your body. How fast or slow your pulse rate is depends on how active you are.
<b>respiration</b>	inhaling <b>oxygen</b> -rich air and exhaling air filled with <b>carbon dioxide</b> .
<b>veins</b>	a tube in your body that carries <b>deoxygenated</b> blood to your heart from the rest of your body.
<b>ventricle</b>	the part of the heart from which blood passes into the <b>arteries</b> .

### The Eat Well Plate

### The Circulatory System



