



Year 6 - Home Isolation Science Learning Page



Summer 1 2021


In Year 6 this half term the focus of our Science learning is '**Animals Including Humans.**' Here is the key learning from the National Curriculum that will be covered:

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.
- Describe the ways in which nutrients and water are transported within animals, including humans.



Online Classroom



<p><u>Lesson 1</u> How is oxygen transported around our bodies?</p>	<p>Follow the link to the Oak Academy to complete a series of activities: In this lesson, you will learn about the circulatory system. You will also focus on the contents of blood, the types of blood vessels, and how the heart works.</p>	<p>https://classroom.thenational.academy/lessons/how-is-oxygen-transported-around-our-bodies-60vk6r</p>
<p><u>Lesson 2</u> What happens to the circulatory system during exercise?</p>	<p>Follow the link to the Oak Academy to complete a series of activities: In this lesson, you will be learning all about the circulatory system and the effect exercise has on this system. First, you will discuss what the circulatory system is. Then, you will identify how the circulatory system connects to the muscles. You will then be measuring your own heart rate and conducting a small exercise experiment where you will compare your resting heart rate to your heart rate after completing an exercise.</p>	<p>https://classroom.thenational.academy/lessons/what-happens-to-the-circulatory-system-during-exercise-c8w62c</p>
<p><u>Lesson 3</u></p>	<p>Follow the link to BBC Bitesize to watch a series of videos:</p>  <p>What is the circulatory system? What is in your blood? What are blood vessels? How does your heart work?</p>	<p>https://www.bbc.co.uk/bitesize/topics/zwd66yc</p>

Don't forget to use your Science Knowledge Organiser for this half term - Year 6 Animals Including Humans - to help you learn and understand about this topic.