
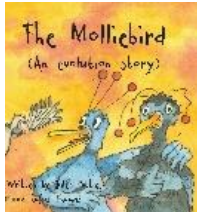


Year 6 – Animals including Humans

Key Concepts	Learning possibilities	Scientific Enquiry	Prior Learning
<p>Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood;</p> <p>Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function;</p> <p>Describe the ways in which nutrients and water are transported within animals, including humans.</p>	<ul style="list-style-type: none"> • Create a role play model for the circulatory system. • Carry out a range of pulse rate investigations: <ul style="list-style-type: none"> • fair test - effect of different activities on my pulse rate • Pattern seeking - exploring which groups of people may have higher or lower resting pulse rates • Observation over time - how long does it take my pulse rate to return to my resting pulse rate (recovery rate) ▪ pattern seeking - exploring recovery rate for different groups of people. • Research the negative effects of drugs (e.g. tobacco) and the benefits of a healthy diet and regular exercise by asking an expert or using carefully selected secondary sources. Present information e.g. in a health leaflet describing impact of drugs and lifestyle on the body 		<ul style="list-style-type: none"> • Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. (Y2 - Animals, including humans) • Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. (Y3 - Animals, including humans) • Describe the simple functions of the basic parts of the digestive system in humans. (Y4 - Animals, including humans) • Identify the different types of teeth in humans and their simple functions. (Y4 - Animals, including humans)
Cultural Capital			
Key Vocabulary		<div style="display: flex; align-items: center;">  <div> <p>Dr Kat Dibb is a senior lecturer in the Institute of Cardiovascular Sciences at the University of Manchester.</p> </div> </div> <div style="text-align: right; margin-top: 20px;">  </div>	
<p>Heart, pulse, rate, pumps, blood, blood vessels, transported, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulatory system, diet, exercise, drugs, lifestyle</p>			

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