



St. John the Evangelist Catholic Academy - Progression in Science



Progression in Scientific knowledge, concepts & skills	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Animals including Humans</p> <p><i>Working Scientifically</i></p>	<p>Identify and label a variety of common animals (fish, amphibians, reptiles, birds, mammals)</p> <p>Know carnivores, herbivores and omnivores</p> <p>How to care for pets</p> <p>Identify, name, draw and label the basic parts of the human body and link to senses</p>	<p>Know that animals have offspring that grow to be adults</p> <p>Know what animals and humans need to survive</p> <p>Describe the importance for humans of exercise, eating the right amount of different types of food and hygiene</p>	<p>Know that animals including humans need the right types and amounts of nutrition which comes from what they eat</p> <p>Know that humans and some other animals have skeletons and muscles for support, protection and movement</p>	<p>Know the simple functions of the basic parts of the digestive system in humans</p> <p>Know types and simple functions of teeth in humans</p> <p>Construct and interpret food chains (identifying producers, predators and prey)</p>	<p>Know the changes as humans develop to old age</p>	<p>Know the main parts of the human circulatory system</p> <p>Describe the functions of the heart, blood vessels and blood</p> <p>Know the impact of diet, exercise and drugs on the body</p>



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Possible Learning Challenge Questions	Why are humans not like tigers?	How will 5 a day help me to be healthy? How could you be the next Jessica Ennis or Steven Gerrard?	How can Usain Bolt move so quickly?	What happens to the food we eat?	How different will you be when you are as old as your grandparents?	What would a journey through your body be like?
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