



St. John the Evangelist Catholic Academy – Progression in Science



Progression in Scientific knowledge, concepts & skills	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	KS3
Animals including Humans <i>Working Scientifically</i>	Use a wider range of vocabulary - Learn the names of key body parts. Make healthy choices about food, drink, activity and toothbrushing	Use a wider range of vocabulary - Learn the names of a wider range of body parts. • Know and talk about the different factors that support their overall health and wellbeing: - regular physical activity - healthy eating - toothbrushing	Identify and label a variety of common animals (fish, amphibians, reptiles, birds, mammals) Know carnivores, herbivores and omnivores How to care for pets Identify, name, draw and label the basic parts of the human body	Know that animals have offspring that grow to be adults Know what animals and humans need to survive Describe the importance of exercise, eating the right amount of different types of food and	Know that animals including humans need the right types and amounts of nutrition which comes from what they eat Know that humans and some other animals have skeletons and muscles for support, protection	Know the simple functions of the basic parts of the digestive system in humans Know types and simple functions of teeth in humans Construct and interpret food chains (identifying producers, predators and prey)	Know the changes as humans develop to old age	Know the main parts of the human circulatory system Describe the functions of the heart, blood vessels and blood Know the impact of diet, exercise and drugs on the body	Cells and Organisation Reproduction Nutrition and Digestion Skeletal and muscular systems Cellular respiration Gas exchange systems Negative effects of recreational drugs on health



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			and link to senses	hygiene	and movement				
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 grandparent s?	What would a journey through your body be like?	