



St Felix RC Primary School

The Human Body (Animals including humans)

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| <p>Understanding of the World: Science</p> <p>Age 3/4</p> <ul style="list-style-type: none">• Use all their senses in hands-on exploration of natural materials.• Begin to make sense of their own life-story and family's history.• Understand the key features of the life cycle of a plant and an animal.• Begin to understand the need to respect and care for the natural environment and all living things. <p>Reception</p> <ul style="list-style-type: none">• Talk about members of their immediate family and community.• Name and describe people who are familiar to them.• Recognise some environments that are different to the one in which they live. | <p>KS1 National Curriculum Statement:</p> <p>Year 1</p> <ul style="list-style-type: none">• Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.• Identify and name a variety of common animals that are carnivores, herbivores and omnivores.• Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).• Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. <p>Year 2</p> <ul style="list-style-type: none">• Notice that animals, including humans, have offspring which grow into adults.• Find out about and describe the basic needs of animals, including humans, for survival (water, food and air).<ul style="list-style-type: none">• Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.• Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food. (Y2 - Living things and their habitats) | <p>KS2 National Curriculum Statement:</p> <p>Year 3</p> <ul style="list-style-type: none">• 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.• Identify that humans and some other animals have skeletons and muscles for support, protection and movement. <p>Year 4</p> <ul style="list-style-type: none">• Describe the simple functions of the basic parts of the digestive system in humans.• Identify the different types of teeth in humans and their simple functions.• Construct and interpret a variety of food chains, identifying producers, predators and prey. <p>Year 5</p> <ul style="list-style-type: none">• Describe the changes as humans develop to old age.• Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. (Y5 - Living things and their habitats)• Describe the life process of reproduction in some plants and animals. (Y5 - Living things and their habitats) <p>Year 6</p> <ul style="list-style-type: none">• Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.<ul style="list-style-type: none">• 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.• Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals. (Y6 - Living things and their habitats)• Give reasons for classifying plants and animals based on specific characteristics. (Y6 - Living things and their habitats) |
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| Nursery | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
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| Our past; How have we changed since we were born? What could we do then and what can we do now? Animals grow and change in many different ways. All animals have babies, some look like their parents, but some do not. | The human body: Facial features, body parts, the senses Growing and changing; how people change as they grow | Naming parts of the body, the five senses and associated body parts, understanding sensory impairment. | The skeletal and muscular systems, exercise, digestive system and healthy eating, circulatory system, preventing illness, germs and disease, animals and their offspring. | The digestive system, teeth and senses, a healthy diet, nutrition, vitamins and minerals, skeletons and muscles for support, protection and movement. | The muscular system, the skeletal system, the nervous system, the digestive system, teeth. | Human growth stages, adolescence and puberty, The human reproductive system, The endocrine system. | The circulatory system, the heart, the blood vessels, the blood, blood pressure and heart rate, changes to humans as we get older |
| Knowledge Goals | | | | | | | |
| My body has many different parts. Our faces are all different. I have grown and changed since I was born. Families grow and change over time. Animals grow and change. | My body has many different parts. My body can do amazing things. Humans change over time. Families grow and change over time. We grow and change | To know our body has five senses. To know that we use our eyes to see. To know that sounds travel through our ears to send messages to our brain. To know that our senses help us to understand the world around us. | Animals, including humans, need air, food and water to survive. To know that our skeleton and our muscles help us to move To understand that our bodies digest our food. To know that our heart pumps | To know that we can control our voluntary muscles, but we do not control our involuntary muscles To know our bones help us to move and protect some parts of our bodies | Cells are the building blocks of the human body and we need nutrition to keep our bodies working as they should. Identify the different types of teeth in humans and their simple functions | To recognise the first stages of human growth: gestation, birth and infancy. To know that the human body changes as it goes through puberty To identify physical and | To understand that the heart pumps blood around the body To understand that blood vessels transport blood around the body To understand how the heart rate can speed up or slow down, depending on |



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| <p>We grow and change over time</p> <p>When we become adults there are many different things we can do.</p> <p>I know all animals have babies.</p> <p>I know not all animal babies look like their parents.</p> | <p>throughout our lives.</p> <p>When we become adults there are many different things we can do.</p> | <p>To understand that some people have problems with their senses, such as blindness or deafness</p> | <p>blood around our body</p> <p>To understand that scientists have found ways to keep us healthy</p> | <p>To know that the brain is the centre of the nervous system.</p> <p>To understand that animals get nutrition from what they eat</p> <p>To describe the simple functions of the basic parts of the digestive system in humans</p> | <p>To understand how the brain and mouth start the digestive process.</p> <p>To know how food is digested and excreted.</p> <p>To understand the essential vitamins and minerals needed in our body</p> | <p>mental changes to the human body that happen from adulthood to old age</p> <p>Humans and animals have growth stages of different lengths</p> | <p>what is happening to the body</p> <p>To understand that blood is made up of different components</p> |
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