Hawkesley Church Primary Academy

'let your light shine'
Matthew 5:16



Science Curriculum

Curriculum impact in 'Animals, including Humans'

Progression in

Animals. including humans	Early Learning Goals	Explore the natural world around them, making observations and drawing pictures of animals and plants. Know some similarities and differences between the world around them and contrasting environments, drawing on their experiences and what has been read in class.				
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Curriculum Coverage	Pupils should be taught to: - 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 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.	Pupils should be taught to: - 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) - describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.	Pupils should be taught to: - 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.	Pupils should be taught to: 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.	Pupils should be taught to: - 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 processes of reproduction in some plants and animals (Y5 – Living things and their habitats)	Pupils should be taught to: - 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 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)

Whole School

Nursery





Nursery expectation: Explore the natural world around them, making observations and drawing pictures of animals and plants.

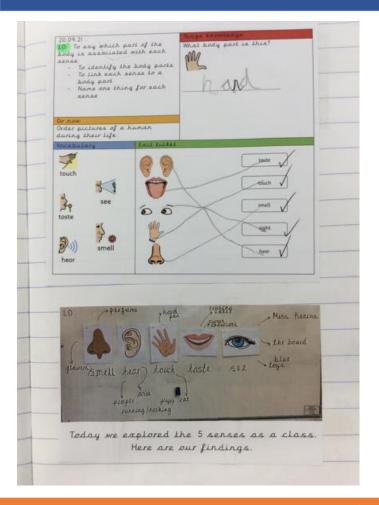
Reception

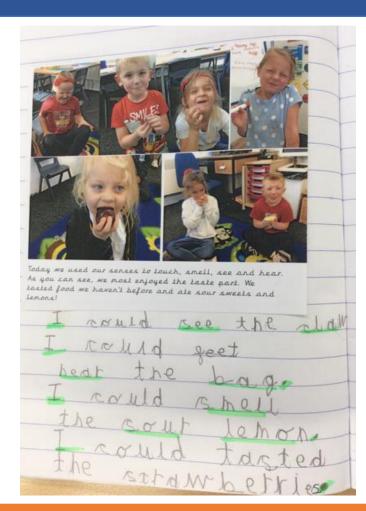






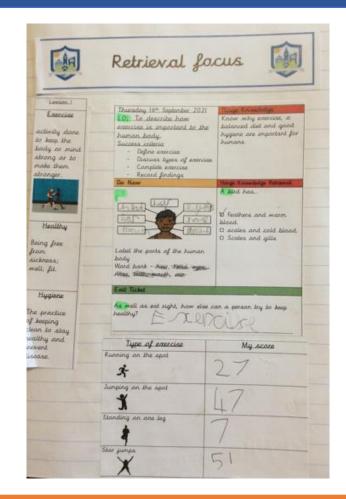
Reception expectation: Explore the natural world around them, making observations and drawing pictures of animals and plants.





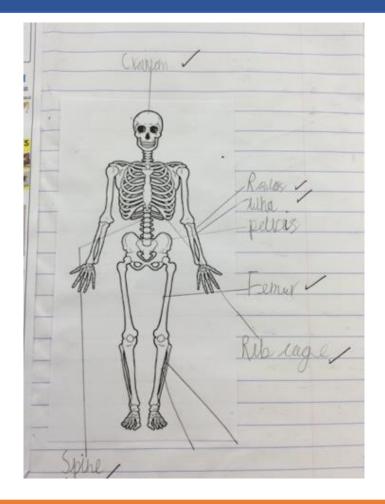


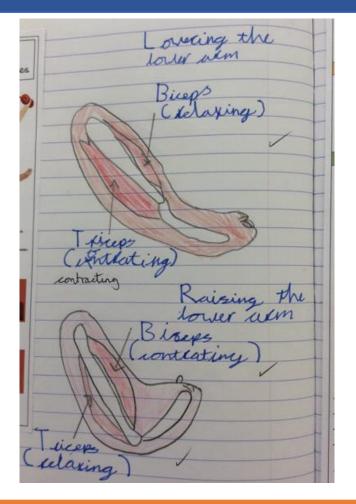
Year 1 expectation: identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.



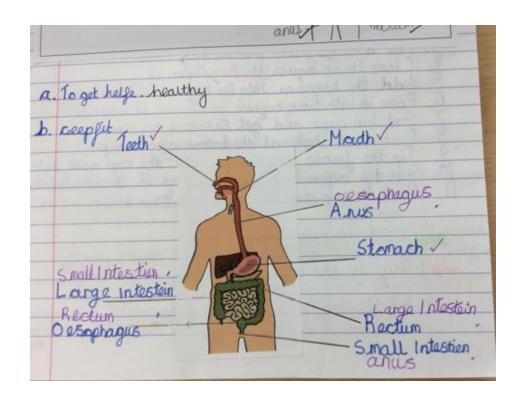


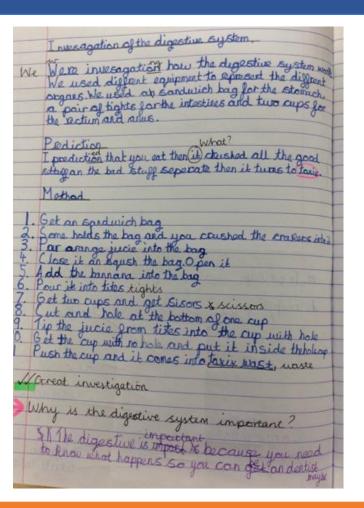
Year 2 expectation: describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.



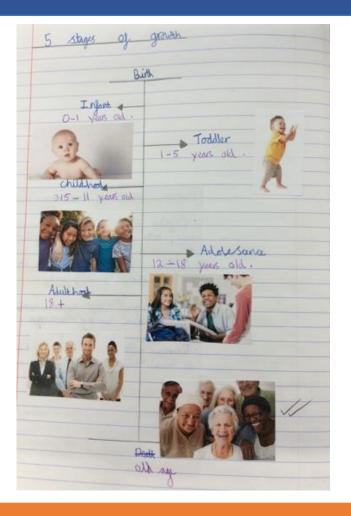


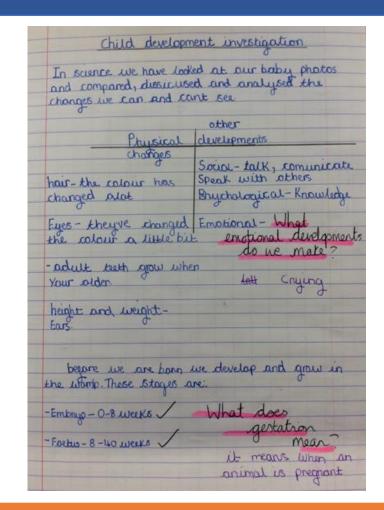
Year 3 expectation: identify that humans and some other animals have a skeletons and muscles for support, protection and movement.

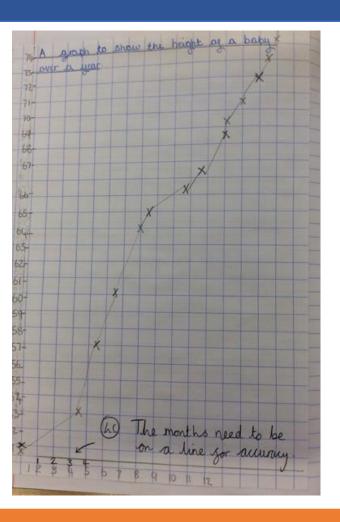




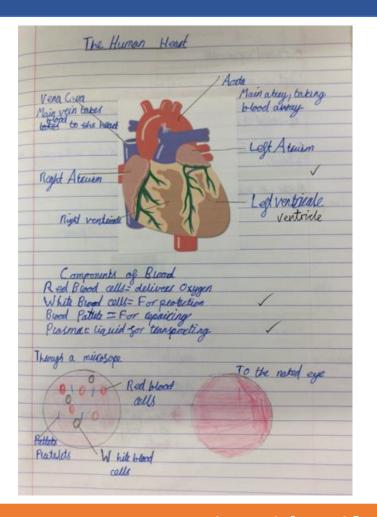
Year 4 expectation: describe the simple functions of the basic parts of the digestive system in humans.

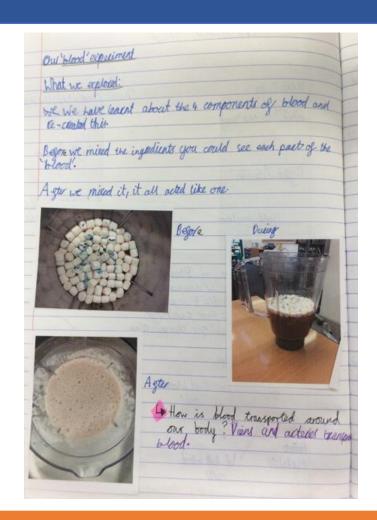


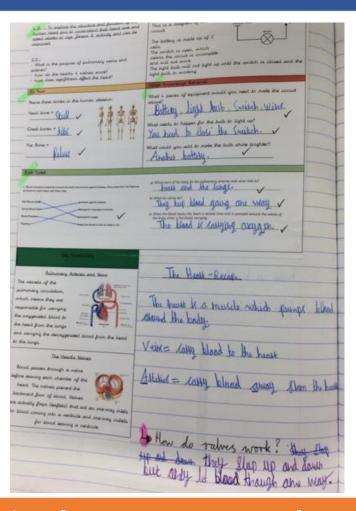




Year 5 expectation: describe the changes as humans develop to old age.







Year 6 expectation: identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.