

YEAR 6

	EFYS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
ANIMALS INCLUDING HUMANS BIOLOGY	<p>The three Prime ELGs of Communication & Language, PSED and Physical Development provide the foundations of which all other learning is built upon.</p> <p>Specific: The Natural World ELG</p> <p>Explore the natural world around them, making observations and drawing pictures of animals and plants. Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter</p>	<p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals</p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores</p> <p>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)</p> <p>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>	<p>Notice that animals, including humans, have offspring which grow into adults</p> <p>Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p>	<p>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</p> <p>Identify that humans and some other animals have skeletons and muscles for support, protection and movement</p>	<p>Describe the simple functions of the basic parts of the digestive system in humans</p> <p>Identify the different types of teeth in humans and their simple functions</p> <p>Construct and interpret a variety of food chains, identifying producers, predators and prey.</p>	<p>Describe the changes as humans develop to old age</p>	<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>

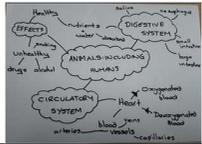
COMPOSITES

ANIMALS INCLUDING HUMANS

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.

COMPONENTS

	1	2	3	4	5	6	End Point
	What are the organs in the human body?	How does the human heart work?	How does exercise affect our bodies?	How do drugs affect our bodies?	How does diet affect our bodies?	How does the digestive system work?	Recognise the parts of the human circulatory system Understand the impact diet and exercise has on the human body
CONCEPTS 	STRUCTURES	STRUCTURES	HEALTH AND NUTRITION	HEALTH AND NUTRITION	HEALTH AND NUTRITION	STRUCTURES	Understand the different structures in the human body and how they are affected
SKILLS	Identify and name the main parts of the human circulatory system , and describe the functions of the heart, blood vessels and blood	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	Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function	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.	Identify and name the different structures in the human body Recognise the impact that lifestyle has on these structures
KNOWLEDGE Science Knowledge Organiser: Animals Including Humans - Year 6	The human body is made up of different organs	The human heart pumps blood around the body	Exercise affects the human body	Drugs affect the human body	Diet affects the human body	The digestive system breaks down food into the components we need.	There are different structures in the human body to keep a human alive The structures are affected by different things
LESSON LINK	MTP Term 4	MTP Term 4	MTP Term 4	MTP Term 4	MTP Term 4	MTP Term 4	
PROGRESSIVE VOCABULARY	human organ heart	circulatory system heart blood	impact exercise lifestyle	impact drugs alcohol smoking	impact diet nutrients lifestyle	nutrients water healthy diet	Articulate and recognise subject specific knowledge

		oxygenated deoxygenated blood vessels		lifestyle			
CURRICULUM EXPERIENCES			Investigation into the effects of exercise			Measuring the length of the digestive system	Investigating the human body
END POINT	Children will be able to name different organs	Children will be able to explain how the heart works and what the circulatory system does	Children will explain how exercise affects the human body	Children will explain how drugs affect the human body	Children will explain how diet affects the human body	Children will be able to explain how the digestive system works.	

