



Year 5 Topic: Anatomy

Term: Summer 2

Topic Length: 6 Weeks

INTENT	Vision	Together we all discover, learn, grow and succeed									
	Values	W	A	R	M	T	H				
		Well-Being	Aspire	Relationships	Motivation	Trust	Holistic				
	Curriculum Design	<i>The development of subject specific skills and learning behaviours coupled to the acquisition of knowledge</i>									
Learning Behaviours			Disciplinary Knowledge			Substantive Knowledge					
Attitudes and attributes for learning and life			Know How – Subject specific thinking and problem solving			Know What – Deep learning of the key knowledge					
IMPLEMENTATION	Our 10 Key Principles for Effective T&L	High Aspirations	Inspire and Challenge	Pupil Progress	Positive Habitats	Variation	Developing Learning Behaviours		Relationships	Questioning and Feedback	Assessment for Learning/ Subject Knowledge
	Topic Purpose	To understand human bodies do lots of different things, and each part has a different job to make it work efficiently.									
		Hook: Read 'Anatomy: A Cutaway Look Inside the Human Body'					Celebration: To gather around a campfire to cook (and then eat) a healthy savoury dish.				
	Main Subjects	Science					D.T.				
	Key Performance Indicators	<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. 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. 					<ul style="list-style-type: none"> Use the basic principles of a healthy and varied diet to prepare dishes. Prepare and cook a savoury dish using a range of cooking technique including: peeling, chopping, slicing, grating, mixing, spreading, kneading and baking. Understand seasonality and know where and how ingredients are grown, reared, caught and processed. 				
Our Overarching Themes	Relationships	Mastery	Community	Vocabulary / Oracy		Being Healthy / Active	Equity of Education		Developing Learning Behaviours	Fluency	



Discrete Learning Opportunities

During the topic, the following subjects will also be taught. Although there will be some connection to our current topic, the learning is more discrete:

(e.g. computing, PE, music, MFL, PSHE, RE, etc...)

Subject	Key Performance Indicators
Computing	Selection in Quizzes - pupils develop their knowledge of 'selection' by revisiting how 'conditions' can be used in programming, and then learning how the 'if... then... else...' structure can be used to select different outcomes depending on whether a condition is 'true' or 'false'. They represent this understanding in algorithms, and then by constructing programs using the Scratch programming environment.
PE	Athletics - Use running, jumping, throwing and catching in isolation and in combination.
PSHE	Changing Me - I can explain how boy's and girl's bodies change during puberty and understand the importance of looking after yourself physically and emotionally.
MFL	To learn the names of sports and hobbies, health and body parts. To speak, read and write in sentences to give opinions (recap from food topic) and reasons (I like, don't like) because (parce que).
Music	To use Garage Band to compose a middle eastern electronic soundscape (adding multiple layers of percussion loops, chords and melodies) to accompany a PowerPoint presentation.



Key Objective Progression

Prior Knowledge	Key Objective	Future Learning
<p><u>Year 4 Science – Animals Including Humans</u> Draw and discuss their ideas about the digestive system and compare them with models or images.</p>	<p><u>Science</u> - Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</p>	<p><u>Year 6 Science – Animals Including Humans</u> Describe the changes as humans develop to old age.</p>
<p><u>Year 4 Science – Animals Including Humans</u> Comparing the teeth of carnivores and herbivores, and suggesting reasons for differences; finding out what damages teeth and how to look after them</p>	<p><u>Science</u> - Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</p>	<p><u>Year 6 Science – Evolution and Inheritance</u> Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p>
<p><u>Year 4 Science – Animals Including Humans</u> Describe the simple functions of the basic parts of the digestive system in humans.</p>	<p><u>Science</u> - Describe the ways in which nutrients and water are transported within animals, including humans.</p>	
<p><u>Year 4 – DT</u> - Evaluate their ideas and products against their own design criteria.</p>	<p><u>D.T.</u> - Use the basic principles of a healthy and varied diet to prepare dishes.</p>	<p><u>Year 6 – DT</u> - Use the basic principles of a healthy and varied diet to prepare dishes.</p>
<p><u>Year 4 – DT</u>- Prepare and cook a savoury dish using a range of cooking techniques including: chopping, slicing, grating and mixing.</p>	<p><u>D.T.</u> - Prepare and cook savoury dishes using a range of cooking techniques including peeling, chopping, slicing, grating, mixing, spreading, kneading and baking.</p>	<p><u>Year 6 – DT</u> - Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques including chopping, slicing, grating and mixing.</p>
<p><u>Year 4 – DT</u>- Understand seasonality and know where a variety of ingredients are grown</p>	<p><u>D.T.</u> - Understand seasonality and know where and how ingredients are grown, reared, caught and processed.</p>	<p><u>Year 6 – DT</u> - Understand seasonality and know where and how ingredients are grown, reared, caught and processed.</p>