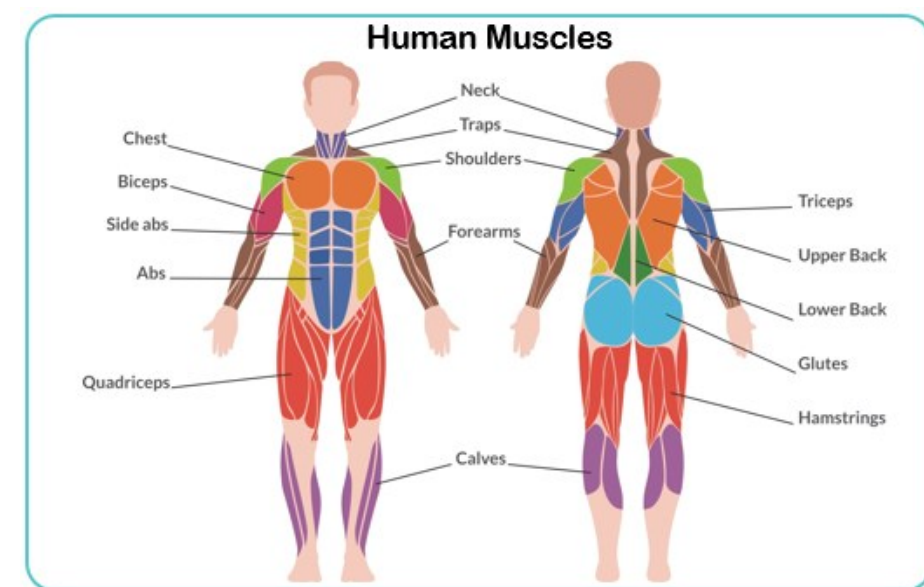
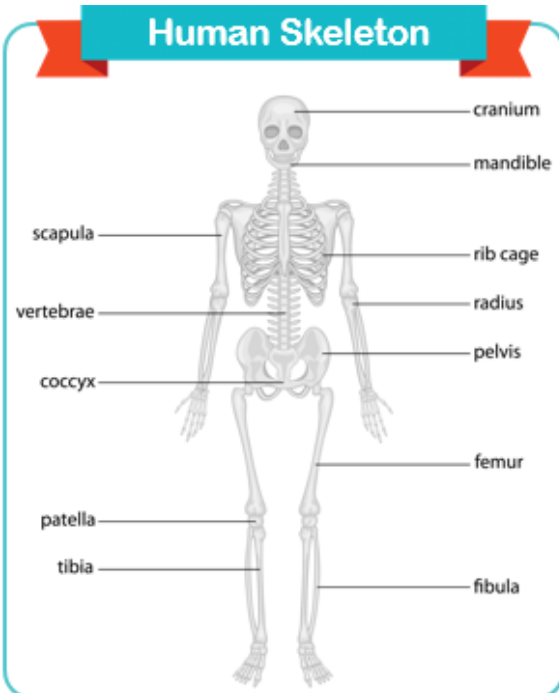


Year 3 Science Autumn 2 Unit

Animals including Humans

Key Scientific Skills	Year 3 Animals, including humans
Ask relevant questions and using different types of scientific enquiries to answer them	
Set up simple practical enquiries, comparative and fair tests	
Make systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers	
Gather, record, classify and present data in a variety of ways to help in answering questions	
Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables	
Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions	
Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions	
Identify differences, similarities or changes related to simple scientific ideas and processes	
Use straightforward scientific evidence to answer questions or to support their findings	



Unit	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Animals, including humans	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)	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	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	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	Describe the changes as humans develop to old age	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

Progression of Knowledge

Rocket Words

vitamin	found in foods and are essential for the body's growth, repair and building immunity
mineral	found in foods and help build strong bones and teeth
nutrition label	gives information about what the food contains
balanced	in good proportion
endoskeleton	animals with skeletons inside their body
exoskeleton	animals with skeletons outside their body
radius	one of the bones found in the lower arm
tibia	one of the bones in the lower leg
rib cage	the structure of bones protecting the lungs and heart
spine	the structure of bones that runs up the centre of the back
hamstrings	muscles that run down the back of the leg
biceps	muscles found in the upper arm

Lesson Sequence



1. Explore the 5 key food groups



2. Learn about the nutrition in the food we eat



3. Learn about the different types of skeletons



4. Learn about the human skeleton



5. Learn about animals and their skeletons



6. Explore the role of muscles

5 Food Groups

