

Science Focus:	Animals, including humans	Year 3	Advent 1
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What? (Key Knowledge)

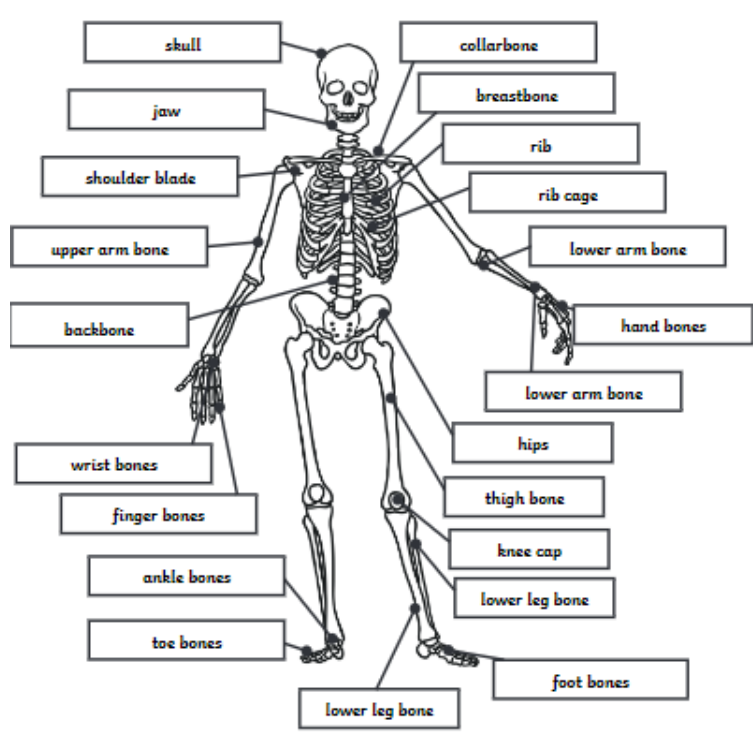
Nutrition	
Things animals need to survive	Water Food Air Shelter
Things humans need to survive	Water Food Air Shelter
Things humans need to be healthy	<ul style="list-style-type: none"> To have a balanced diet of the right amount of different types of food and drink To exercise regularly To be hygienic
What is Nutrition?	Nutrition means animals getting the food they need to grow and be healthy
Can we make our own food?	No. <ul style="list-style-type: none"> Humans and animals can't make their own food
What is meant by hunting food?	<ul style="list-style-type: none"> Humans can hunt other animals to eat
What is meant by gathering food?	<ul style="list-style-type: none"> Humans can find foods grown in the wild to eat

Skeletons and Muscles

What is a skeleton?	<ul style="list-style-type: none"> A skeleton is a structure of bones that supports the body of a person or animal
12 common parts of the skeleton we should know	<ul style="list-style-type: none"> Skull, clavicle, scapula, rib cage, humerus, spinal column, pelvis, ulna, radius, femur, fibula and tibia
What is a muscle?	<ul style="list-style-type: none"> A soft tissue in the body that contracts and relaxes to cause movement of the skeleton
Questions: What types of skeleton are there? What is the function of a skeleton?	<ul style="list-style-type: none"> Hydrostatic skeleton, endo-skeleton, exo skeleton. Support Protection Movement

What? (Key Vocabulary)

Spelling	Definition/Sentence
Protein	Type of nutrient that helps us grow and repair
Minerals	Type of nutrients that help keep us healthy
Vitamins	Type of nutrients that help keep us healthy
Carbohydrates	Types of nutrients that give us energy
Fats	Fats give you energy too



Possible Experiences

- Grouping animals with or without skeletons
- Classify food by how the human 'gets' them
- Use blue-tac to show the need for warming up muscles
- Test relationships in the body, *e.g. does wingspan = height*

Prior Sticky Knowledge:
 I know how to...

Year 2

- Name what humans and animals need to survive
- Identify a food chain
- Describe a simple life cycle of a human or animal
- Describe why exercise, healthy eating and hygiene is important

Year 1

- Name the basic parts of the body and match the senses to these body parts
- Name some common birds, fish, amphibians, reptiles and mammals
- Name an animal that is a carnivore, omnivore and herbivores

Direct links: P.E - The human bodies response to exercise