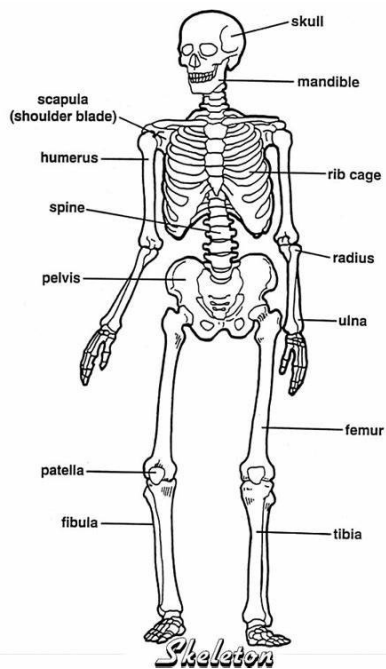




Science Focus:	Animals, including Humans	Year 3	Autumn Term 1
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Key Vocabulary	
Spelling	Definition
carbohydrate	food that provides the body with energy
contract	when a muscle becomes smaller, shorter and tighter
dairy	food that contains or is made from milk
fruit	the sweet and fleshy product of a tree or other plant that contains seed and can be eaten as food
gathering	looking for foods grown in the wild to eat
growing	planting seeds that are later harvested
hunting	looking for other animals or creatures to eat
nutrition	getting the food needed to grow and be healthy
protein	protein builds, maintains, and replaces the tissues in your body
skeleton	an internal or external framework of bone, cartilage, or other rigid material supporting or containing the body of an animal or plant
vegetable	a plant or part of a plant used as food, such as a cabbage, potato, turnip, or bean

Key Knowledge	
Nutrition	
What do animals and humans need to survive?	<ul style="list-style-type: none"> <li>• water</li> <li>• food</li> <li>• air</li> <li>• shelter</li> </ul>
What do humans need in order to be healthy?	<ul style="list-style-type: none"> <li>• to have a balanced diet of the right amount of different types of food and drink</li> <li>• to exercise regularly</li> <li>• to be hygienic</li> </ul>
Can animals and humans make their own food?	No. Plants are able to do this, but animals and humans cannot. They get their food by either growing, hunting or gathering it.
What are the different types of food that we should eat?	We should eat a balanced diet. This means choosing the right proportions of food from the different food groups.



Skeletons and Muscles	
12 common parts of the skeleton we should know:	skull, clavicle, scapula, rib cage, humerus, spinal column, pelvis, ulna, radius, femur, fibula and tibia
What is a vertebrate?	A vertebrate is an <b>animal with a backbone</b> . Fishes, amphibians, reptiles, birds, and mammals, including humans, are all vertebrates. Vertebrates share some basic characteristics.
What is an invertebrate?	Invertebrate is a kind of animal that <b>does not have a spinal column or backbone</b> . Invertebrates live in every part of the world. In fact, most of the animals on Earth are invertebrates.
What is the job of a muscle?	Muscles are all made of the same material, a type of elastic tissue (sort of like the material in a rubber band). Thousands, or even tens of thousands, of small fibres make up each muscle. You have three different types of muscles in your body: smooth, cardiac and skeletal muscle. They do everything from pumping blood throughout your body to helping you lift. You control some of your muscles, while others — like your heart — do their jobs without you thinking about them at all.

