

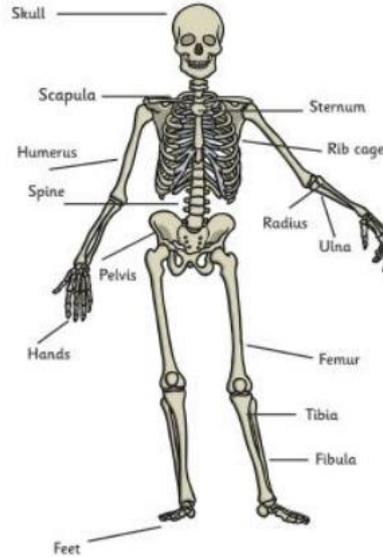


Animals inc. humans SCIENCE KNOWLEDGE ORGANISER

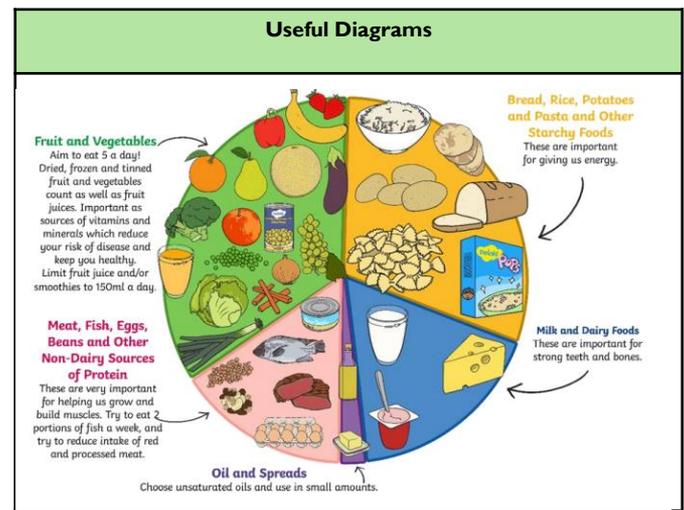
Key Vocabulary	
Skeleton	The framework of bones in your body.
Omnivore	An animal that eats plants and animals.
Herbivore	An animals that eats plants.
Carnivore	An animal that eats animals.
Exoskeleton	An external covering for the body in some invertebrate animals.
Endoskeleton	An internal skeleton, such as the bony skeleton of vertebrates.
Vertebrate	An animal with a backbone inside their body.
Invertebrate	An animal with n backbone.
Muscle	A band or bundle of fibrous tissue in a human or animal body that can produce movement in or maintain the position of parts of the body.

LINKS TO PREVIOUS LEARNING	
<p>In year 2 you will have learnt:</p> <ul style="list-style-type: none"> • That animals, including humans have offspring which grow into adults. • About and described the basic needs of animals, including humans, for survival (water, food and air). • Described the importance for humans of exercise, eating the right amounts of different types of food and hygiene. 	

Key Themes
<ul style="list-style-type: none"> • Skeleton and bones <ul style="list-style-type: none"> • Nutrition <ul style="list-style-type: none"> • Diet • Muscles and joints



Skeleton
<ul style="list-style-type: none"> • All mammals (including humans), birds, fish, reptiles and amphibians are vertebrates. This means they have a skeleton inside their bodies. • The human skeleton is made of bones and grows as we grow. • Our skull protects our brain and our ribs protect our heart and lungs.



Balanced diet
<p>The human body needs a balanced diet to work properly. Good health involves drinking enough water and eating the right number of foods from the different food groups:</p> <ul style="list-style-type: none"> • Carbohydrates give us energy. They are found in bread, potatoes and pasta. • Proteins help our bodies repairs themselves. They are found in fish and meat. • Fats help store energy for our bodies. They are found in foods such as butter, cheese and fried foods. • Fibre is important for helping us digest our foods. It's found in fruit and vegetables.

