

Knowledge Organiser - Science - Year B - Animals including humans (muscles and bones) - Lower Key Stage 2 (Years 3 and 4) - Summer 2

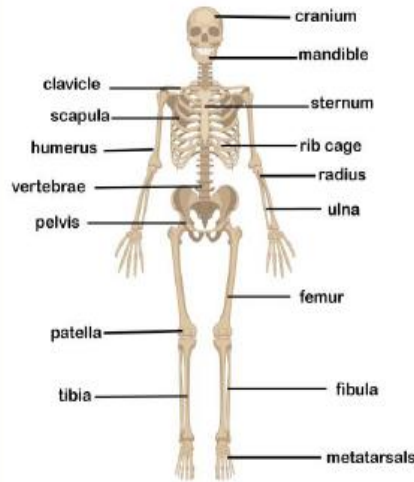
Careers connected to animals & humans: anthropologist, orthopaedic doctor



Sticky Learning - What I already know

- I know that humans and animals are **living things** Living things:
- I know that animals grow, move, need food and water
- I know that animals are **not all the same**
- I can identify and name **common animals**, including humans
- I can describe **simple features** of animals (e.g. legs, wings, tails)
- I know that **humans are animals** and recognise that animals: Need food to survive and eat different things
- I know that some foods are **healthier than others**
- I know that Animals eat **different types of food** and that people and animals must **eat regularly**
- I can name basic body parts: Head, arms, legs, hands, feet
- I know that we use our bodies to **move**
- I know that different body parts help us do different things
- I know that movement uses **body parts**
- I know that exercise makes our bodies **feel stronger**

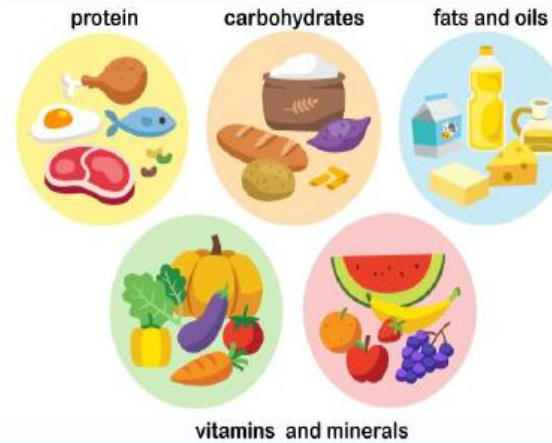
Human Skeleton



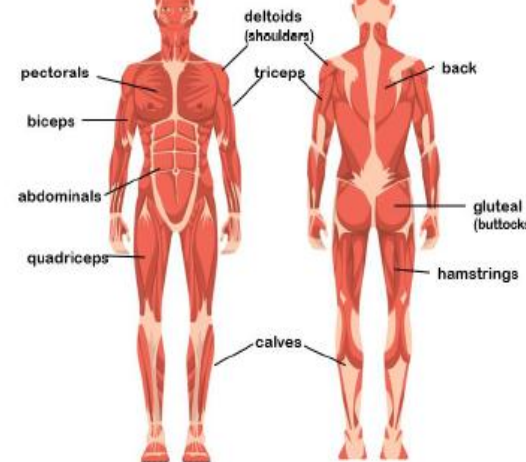
Animal Skeletons



5 Food Groups



Human Muscles



Core Learning



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

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



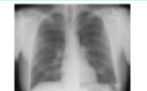
radius

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

