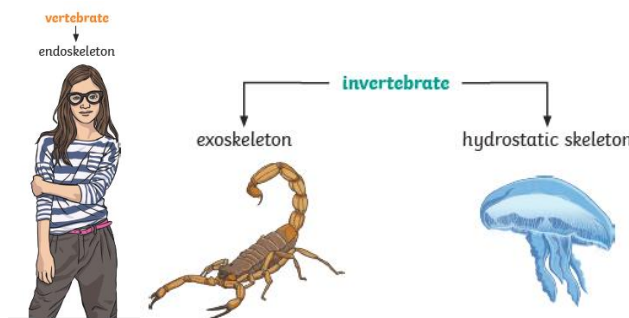
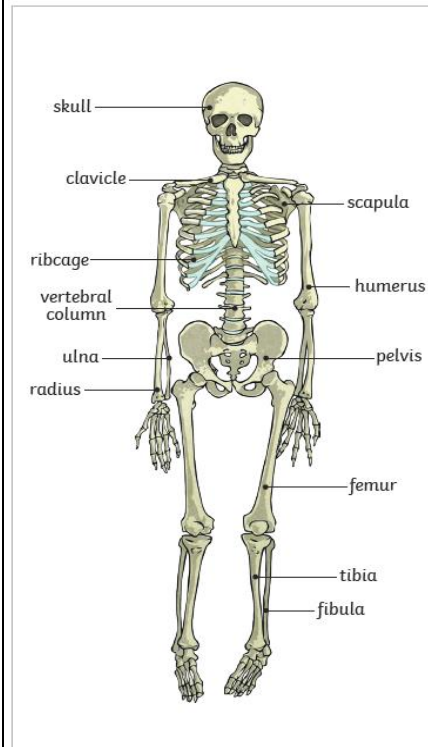







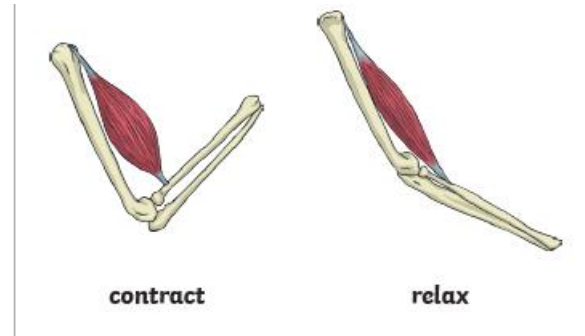


Crofton Junior School – Curriculum Knowledge Organiser

Unit of Work	Science – Biology – Year 3	
Key Strand	Understanding animals including humans	
Overview of the Unit of Work	This concept involves becoming familiar with different types of animals and the life processes they share.	
Prior Learning & Vocabulary	Year 2 (animals including humans): food types, fruit and vegetable, bread, rice, potato, pasta, milk and dairy foods, foods high in fat or sugar, meat, fish, egg, beans, water	
Sticky Knowledge	<ul style="list-style-type: none"> • Living things need food to grow and to be strong and healthy. • Plants can make their own food, but animals cannot. • To stay healthy, humans need to exercise, eat a healthy diet and be hygienic. • Animals, including humans, need food, water and air to stay alive. <div style="text-align: center;">  <p style="font-size: small;">vertebrate ↓ endoskeleton</p> <p style="font-size: small;">invertebrate</p> <p style="font-size: small;">exoskeleton hydrostatic skeleton</p> </div>	<div style="text-align: center;">  </div> <p>Skeletons do three important jobs:</p> <ul style="list-style-type: none"> • protect organs inside the body; • allow movement; • support the body and stop it from falling on the floor. <p>Skeletal muscles work in pairs to move the</p>

Nutrient	Found in... (examples)	What it does/they do
carbohydrates		provide energy
protein		helps growth and repair
fibre		helps you to digest the food that you have eaten
fats		provide energy
vitamins		keep you healthy
minerals		keep you healthy
water		moves nutrients around your body and helps to get rid of waste

bones they are attached to by taking turns to contract (get shorter) and relax (get longer).



New Vocabulary

nutrition, nutrients, carbohydrates, protein, vitamins and minerals, fat, dietary fibre, balanced diet, skeleton, muscles, support, protection, movement, skull, ribs, spine/vertebra, joints, sockets, bones, tendons, healthy

Post Learning

Year 4 : animals including humans
 Year 6 : animals including humans