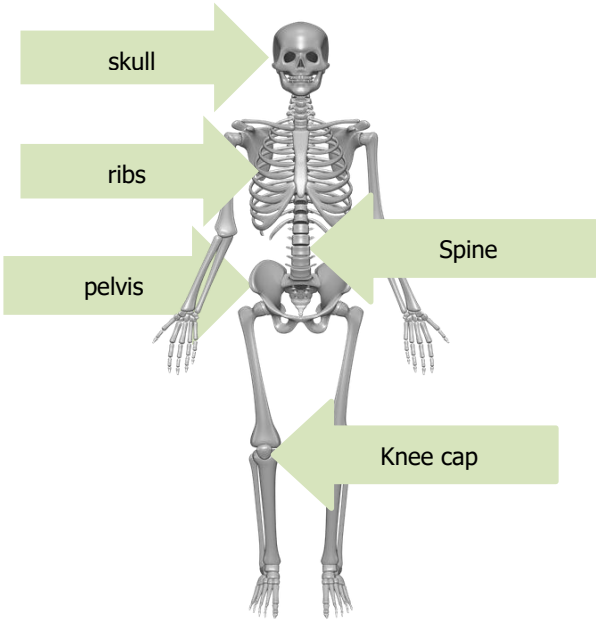
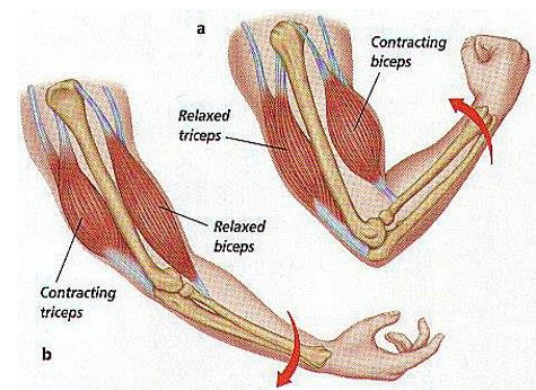

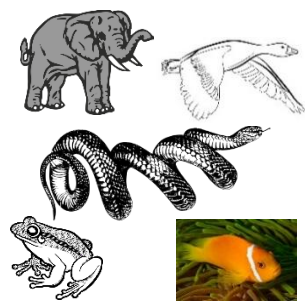
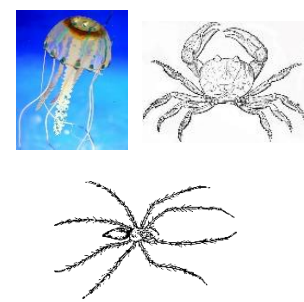


NUTRITION, SKELETONS and MUSCLES – Knowledge Organiser Year 3 Autumn 2			
Vocabulary		Bones in the Human Body	Muscles
nutrition	The 'goodness' in the food we eat. Helps us to stay alive and grow		 <p>Muscles help us to move. When a muscle contracts, the muscle shortens and pulls on the bone it is attached to. When the muscle relaxes the muscle goes back to its normal size and the bone moves back again. Muscles usually work in pairs: as one muscle in the pair contracts, the other one relaxes.</p>
function	The use or job of something		
skeleton	A framework of bones in a human or animal's body		
protection	Keeping something safe		
support	Holding something up		
joints	The places where two or more bones fit together		
muscle	Parts of the body that pull bones around our joints to help us to move		
contract	To become smaller or shorter		
relax	To stop working and rest		
exoskeleton	Means 'outside' skeleton – a hard covering that supports and protects the bodies of some invertebrates		
Nutrition		Vertebrates	Invertebrates
<p>Nutrition is the 'goodness' in the food that we eat and is needed by the body to stay alive and grow. Animals, including humans, cannot make their own food so they need to get all their nutrition from the food they eat.</p> <ul style="list-style-type: none"> It is important that animals have a 'balanced diet' so they can stay healthy. This means they get the right amount of different types of food. A food pyramid shows how much we need of the different types of food. The smaller the section of the pyramid, the less food we need of that type. For example, we only need a small amount of fats and sugars (at the top of the pyramid) but we need a large amount of fruit and vegetables (at the bottom of the pyramid). 		 <p>Animals with a backbone</p>	 <p>Animals with no backbone</p>