



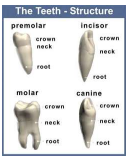
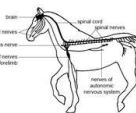
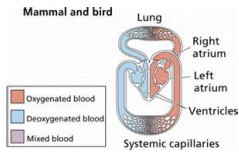


<p>What is a vertebrate?</p>   	<h3 style="text-align: center;">Vertebrates and Mammals</h3> <ul style="list-style-type: none"> • have a backbone made of vertebrae allowing for flexibility with a spinal cord passing through it • have an endoskeleton that protects internal organs, gives the body shape and gives the muscles a place to attach • endothermic- warm blooded; can regulate body temp by shivering and sweating • ectothermic- cold blooded; rely on the environment to regulate body temp.
--	---





Apr 24-6:51 AM

<h3 style="text-align: center;">Mammals</h3>  <p style="text-align: center;">Obtaining food</p> 	<ul style="list-style-type: none"> • endothermic vertebrates • skin covered with fur or hair • fed with milk from mother's body through the mammary glands <ul style="list-style-type: none"> • most mammals have teeth which are adapted to chew a variety of things • size and shape of teeth reflect their diet • 4 kinds of teeth <ul style="list-style-type: none"> - incisors- flat edged used to bite off and cut food - canines- pointed that stab food and tear into it - premolars and molars- broad, flat upper surfaces used for grinding and shredding
--	--

Apr 9-5:27 PM

<p>Obtaining Oxygen and Circulation</p> <p>Nervous system</p> 	<ul style="list-style-type: none"> • breathe with lungs combined with action of the rib muscles and the diaphragm • 4 chambered heart • 2 loop circulatory system  <ul style="list-style-type: none"> • brain allows animal to learn in complex ways • senses are highly developed and adapted for a way of life
--	--

Apr 9-5:27 PM

<p>Monotremes</p>  <p>Marsupials</p>  <p>Placental mammals</p> 	<ul style="list-style-type: none"> • egg laying mammals • only 3 examples are 2 species of spiny anteaters and the duck billed platypus  <ul style="list-style-type: none"> • young are born at an early stage of development and develop in the mother's pouch • koalas, kangaroos and opossums are examples <ul style="list-style-type: none"> • develops inside it's mother's body until it can function independently • placenta inside mother passes materials from mother to baby like food and oxygen through the umbilical cord • humans, giraffes, gorillas are examples
--	---

Apr 9-5:27 PM