










Springbank Primary School Knowledge Organiser



Year 1	Term: Autumn 2	Focus: Animals including humans - Animals
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Vocabulary	Definitions	Diagrams
Vertebrate	Vertebrates are animals with a backbone, mammals, birds, fish, reptiles and amphibians are all vertebrates.	<div style="text-align: center;">Mammals</div> <p>Mammals are animals that have hair, are warm-blooded, and drink milk when they are babies.</p>  <div style="text-align: center;">Reptiles</div> <p>Reptiles have scales, breathe air, are cold-blooded, and usually lay eggs on land.</p>  <div style="text-align: center;">Amphibians</div> <p>Amphibians spend part of their lives in water and part on land and they are cold-blooded.</p>  <div style="text-align: center;">Fish</div> <p>Fish live in water, have gills to breathe, scales and fins on their bodies, and are cold-blooded.</p>  <div style="text-align: center;">Arthropods</div> <p>Arthropods are the most numerous animals on earth. They have an exoskeleton, a segmented body, and jointed legs. They do not have a backbone and are cold-blooded.</p>  <div style="text-align: center;">Mollusks</div> <p>Mollusks are soft-bodied animals and many have hard external shells.</p>  <div style="text-align: center;">Birds</div> <p>Birds are warm-blooded, have wings, feathers, a beak, and their babies hatch from eggs.</p> 
Mammals	Mammals are warm blooded and hairy, most have live babies but all feed their young with milk.	
Birds	Birds are warm blooded and covered in feathers, they lay eggs. All birds have wings but not all can fly.	
Reptiles	Reptiles are cold blooded animals that have dry scaly skin. Most lay eggs but some can have live babies.	
Amphibians	Amphibians are cold blooded animals that live on land or in water, they lay their eggs in water. Amphibians have wet smooth skin.	
Fish	Fish are cold blooded scaly animals that live in water. They have fins and tail to help them swim and gills to breathe underwater.	
Warm blooded	Warm blooded animals can keep their body at one temperature.	
Cold blooded	A cold blooded animal's body temperature depends on how hot or cold their surroundings are.	
Invertebrate	Invertebrates are animals without backbones like insects, arachnids (spiders) and worms.	
Herbivore	Herbivores are animals that eat plants like sheep, cows and rabbits.	
Carnivore	Carnivores are animals that eat meat like lions, tigers and sharks.	
Omnivore	Omnivores are animals that eat both meat and plants like humans, pigs and bears.	