







Key People/Scientists	
	<p><b>Carl Hagenbeck (1844 - 1913)</b> A German man who invented the first zoo with open animal enclosures.</p>
	<p><b>Linda B. Buck (Born 1947)</b> An American scientist who discovered details of how our sense of smell works.</p>

Key Questions	
<b>What is a carnivore, herbivore and omnivore?</b>	Animals that eat plants exclusively are herbivores, and animals that eat only meat are carnivores. When animals eat both plants and meat, they are called omnivores.
<b>What can our different senses do?</b>	Our senses are what help us to understand and interact with the world we live in. The five senses are sight, sound, smell, touch and taste.
<b>What does an animal or human require to survive?</b>	To survive, animals and human need air, water, food, and shelter (protection from predators and the environment).
<b>What is a habitat?</b>	A habitat is the home of an animal or a plant. Almost every place on Earth—from the hottest desert to the coldest ice pack—is a habitat for some kinds of animals and plants.

Misconceptions/Key facts
<p><b>Misconception:</b> All mammals give birth to live young.</p> <p><b>Fact:</b> Most mammals give birth to live young; The duck-billed platypus and spiny anteater are two mammals which lay eggs.</p> <p><b>Misconception:</b> Turtles and penguins are amphibians.</p> <p><b>Fact:</b> Turtles are reptiles and penguins are birds.</p> <p><b>Misconception:</b> All ocean creatures are 'fish', e.g. whales, dolphins.</p> <p><b>Fact:</b> Whales, dolphins, jellyfish and shellfish are not fish, but seahorses and sea dragons are fish.</p>

Diagrams/Visual Aids	
	

Key Vocabulary	
<b>amphibians</b>	Amphibians spend their lives in the water and on land.
<b>bird</b>	Birds are warm-blooded vertebrates and are the only animals with feathers.
<b>carnivores</b>	An animal which eats mostly meat.
<b>fish</b>	Fish are vertebrate animals that live in the water.
<b>habitat</b>	An area that is lived in by a particular species of animal.
<b>herbivores</b>	An animal or insect that only eats vegetation, such as grasses, fruits, leaves, vegetables and roots.
<b>mammals</b>	An animal that breathes air, has a backbone, and grows hair at some point during its life.
<b>omnivores</b>	An animal whose diet is made up of foods that include plants, animals, algae, fungi and bacteria.
<b>reptiles</b>	An air-breathing animal that has scales instead of hair or feathers.