



Year 4 Science - Biology

Food Chains & The Digestive System



Subject Specific Vocabulary		Food Webs and Food Chains	Key Knowledge By the end of this unit I will understand that...
oesophagus	A stretchy tube that moves food from the back of the throat to the stomach.	<p>A food web diagram showing energy flow from Grass to Rabbit, Mouse, and Acorns. From Rabbit, energy flows to Owl and Fox. From Mouse, energy flows to Owl and Fox. From Acorns, energy flows to Mouse and Fox.</p> <p>A three linked food chain</p> <p>A four linked food chain</p> <p>A five linked food chain</p>	<input type="checkbox"/> Living things can be classified as producers, predators and prey according to their place in the food chain.
saliva	Watery liquid in the mouth, gives lubrication for chewing and swallowing, and helping digestion.		<input type="checkbox"/> food webs are similar to a food chains but each organism can eat more than one thing and be eaten by more than one thing.
small intestine	The small intestine breaks down food and absorbs the nutrients you need.		
large intestine	The organ which absorbs water into the body and where waste is stored as faeces.		
stomach	The stomach uses acid to help digest food.		
herbivore	An animal that feeds on plants.		
omnivore	An animal or person that eats a variety of food (both plants and meat).		
carnivore	An animal that feeds on other animals.		
producer	A plant that is eaten by primary consumers (animals) in the food chain.		
predator	An animal that hunts and kills other animals for food.		
prey	An animal that is hunted and killed by another for food.		

The Digestive System

1. Digestion starts when the teeth start to break the food down. Saliva is added and the tongue rolls the food into a ball.
2. The food is swallowed and passes down the oesophagus to the stomach. Here the food is broken down further by being churned around and other chemicals are added.
3. The food passes into the small intestine. Here nutrients are removed from the food and leave the digestive system to be used elsewhere in the body
4. The rest of the food then passes into the large intestine. Here the water is removed for use elsewhere in the body.