

Weston Turville CE School – Science Knowledge Organiser



Topic: Animals Including Humans	Year: 4 Autumn 1	Strand: Biology: Teeth and Healthy Eating																										
What Should I Already Know?	Main Information	Vocabulary																										
<p>We are called humans We are from the family of animals called mammals Hair, head, ears, eyebrows, eyes, nose, mouth, chin, neck, shoulder, chest, elbow, arm, wrist, hand, tummy, knee, leg, ankle and foot Touch, taste, smell, sight and hearing We touch using our skin (usually our hands) We taste by putting something in our mouth We smell by using our nose, see with our eyes, hear with our ears There are 6 types of animals Some common invertebrates, fish, amphibians, reptiles, birds, mammals Animals that eat meat are called carnivores Animals that eat plants are called herbivores Animals that eat meat and plants are called omnivores Basic life cycles of animals and humans 4 things animals and humans need to survive Things to stay healthy: balanced diet, hygiene, exercise Growing/ hunting/ gathering foods Skeleton and 19 common muscles</p>	<p>Digestion is the way the body breaks down the food we eat into smaller parts that can be used to give the body energy. Humans put food into their mouth Food is chewed by the teeth Food is swallowed and passed through the pharynx and oesophagus to the stomach In the stomach, it is mashed into a mixture like soup and mixed with acid The mixture passes into the small intestine, where tiny bits of food pass into the bloodstream The food that is still left goes into the large intestine Finally, waste products leave the body Teeth grow in babies when they are about 6 months old 20 teeth grow by the time you are about 2.5 years old From about age 6 you start to lose teeth till about the age 12 These teeth are replaced by 32 permanent teeth Incisors, Canines, Pre-Molars, Molars What are Molars and Pre-Molars? • Back teeth for crushing and grinding food What are Canines? • Long pointed teeth for grabbing food What are Incisors? • Front teeth for snipping and cutting food A food chain is a diagram that shows a producer and consumers A consumer can be a predator, prey or both The arrow means - 'is food for' Food chains start with a producer (usually a green plant or algae) Consumers get their food by eating plants or other animals Animals which eat other animals are called predators Animals that are eaten by other animals</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #27ae60; color: white;"> <th colspan="2" style="text-align: center;">Vocabulary</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; width: 20%;">Mouth</td> <td>The opening through which food passes into the body and which in humans is surrounded on the outside by the lips and contains the tongue and teeth.</td> </tr> <tr> <td style="text-align: center;">Tongue</td> <td>a fleshy movable part of the mouth used in tasting, in taking and swallowing food, and by human beings in speaking.</td> </tr> <tr> <td style="text-align: center;">Pharynx</td> <td>Another name for the throat, is a part of the body that helps with eating and with breathing. 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Weston Turville CE School Primary School– Science Assessment



Topic: Animals Including Humans

Year: 4 Autumn 1

Strand: Biology – Teeth and Healthy Eating

Question 1: What is another name for the throat?	Start of unit:	End of unit:
Duodenum		
Esophagus		
Enzymes		
Trachea		

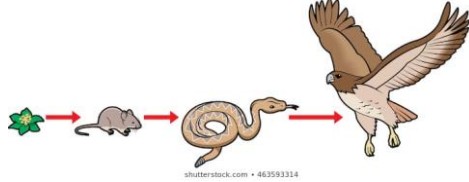
Question 2: What does the liver do?	Start of unit:	End of unit:
Helps chew, taste or swallow		
Produces bile which helps to absorb fats		
Connects the mouth to the stomach		

Question 3: How many incisors does a human have?	Start of unit:	End of unit:
28		
32		
40		

Question 4: What is the function of the canine tooth?	Start of unit:	End of unit:
To crush and grind food		
To rip and tear food		
To cut and snip food		

Question 5: What do the arrows mean in a food chain?	Start of unit:	End of unit:
Is food for		
Is made by		
Is a predator of		

Question 6: What is the first item in any food chain called?	Start of unit:	End of unit:
The producer		
The consumer		
The predator		
The prey		

Question 7: What is the tertiary consumer in this food chain?	Start of unit:	End of unit:
		
The mouse		
The snake		
The hawk		

Question 8: What is an omnivore?	Start of unit:	End of unit:
An animal or human that eats meat		
An animal or human that eats plants		
An animal or human that eats meat and plants		