Teeth and Digestion Year 4: Science Knowledge Mat

Skills

- describe the functions of the basic parts of the digestive system in humans
- identify the different types of teeth in humans and their simple function
- construct and interpret a variety of food chains, identifying producers, predator and prey.
- research what different animals eat in order to construct food chains
- classify animals as herbivores, carnivores or omnivores according to the type of teeth they have in their skulls
- use secondary sources to identify animals in a habitat and find out what they eat

Knowledge

- Humans have four types of teeth -incisors for cutting, canines for tearing, molars and premolars for grinding (chewing).
- Living things can be classified as producers, predators and prey according to their place in the food chain.
- Food enters the body through the mouth. Digestion starts when the teeth start to break the food down. Saliva is added and the tongue rolls the food into a ball. 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. 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. The rest of the food then passes into the large intestine. Here the water is removed for use elsewhere in the body. What is left is then stored in the rectum until it leaves the body through the anus when you go to the toilet.

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