



Linked learning theme: All You Can Eat

Summer term, Year 3

Science – Nutrition and Teeth

Prior Knowledge

In Y2, children learnt the human life cycle including the basic needs of humans and basic ways to stay healthy.

Core knowledge

- Animals, including humans, need the correct nutrition in order to survive. Nutrients provide energy.
- Humans cannot make their own food (unlike plants).
- A healthy, balanced diet includes proteins, carbohydrates, fats, vitamins, minerals, water and fibre.
- Different animals (carnivores, herbivores and omnivores) require different balances of nutrients.
- Humans have molars, canines, incisors and premolars.
- Incisors bite and cut food.
- Canines tear and rip food.
- Premolars hold and crush food.
- Molars grind food.
- Carnivores and herbivores have different type of teeth due to their differing functions.
- Cleaning teeth twice per day for 2 minutes prevents tooth decay. Drinking / eating certain things can make tooth decay more likely.

Key skills

- Ask relevant, scientific questions about nutrition and teeth.
- Set up simple scientific enquiries to answer our questions.
- Make predictions about what the scientific enquiry will show us.
- Record results using diagrams and explanations including scientific vocabulary.
- Draw conclusions and links about animals' diets and their teeth.
- Make comparisons between plants and animals in relation to how they get nutrition.

Vocabulary

nutrition	fats	fibre	molars
energy	vitamins	herbivores	canines
protein	minerals	omnivores	incisors
carbohydrates	water	carnivores	premolars
tooth decay			

Learning outcomes

- I can identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat.
- I can identify the different types of teeth in humans and their simple functions.

- I can ask relevant questions and use different types of scientific enquiries to answer them.
- I can set up simple practical enquiries, comparative and fair tests.
- I can make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment.