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| **Creech St Michael Primary School** | | |
| **Subject:**  **Biology** | ***Animals and Humans- digestive system, teeth and food chains*** | **Year**  **3 / 4** |

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| **Background understanding (what I should already know)…** |
| * **notice that animals, including humans, have offspring which grow into adults** * **find out about and describe the basic needs of animals, including humans, for survival (water, food and air)** * **describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene** |

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| **What I will know by the end of the unit…** | |
| **Describe the simple functions of the basic parts of the digestive system in humans** |  |
| **Teeth: the teeth of an animal are designed to eat different foods depending on the diet of the animal** |  |
| **Teeth:** **identify the different types of teeth in humans and their simple functions** |  |
| **Food chains:**  **Construct & interpret a variety of food chains identifying produces, predators and prey.** |  |

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| **What: (key vocab)** | |
| **Healthy** | In a good physical and mental condition |
| **Nutrients** | **S**ubstances that living things need to stay alive and healthy |
| **Energy** | Strength to be able to move and grow |
| **Digest** | Break down food so it can be used by the body. |
| **Oesophagus** | A muscular tube which moves food from the mouth to the stomach. |
| **Stomach** | An organ in the digestive system where food is broken down with stomach acid and by being churned around. |
| **Small intestine** | Part of the intestine where nutrients are absorbed into the body. |
| **Large intestine** | Part of the intestine where water is absorbed from remaining waste food. Faeces are formed in the large intestine |
| **Herbivore** | An animal that eats plants. |
| **Omnivore** | An animal that eats plants and animals. |
| **Carnivore** | An animal that feeds on other animals. |
| **Prey** | An animal that gets hunted and eaten by another animal. |
| **Predator** | An animal that hunts and eats other animals |
| **Producers** | An organism, such as a plant, that produces its own food. |
| **Consumer** | Consumers are organisms that feed on plants or other animals for energy. |
| **Canines** | Teeth that tears and rips |
| **Molars** | Teeth that grind |
| **Premolar** | Teeth that hold and crushes |
| **Incisor** | Teeth that bites and cuts |

**Scientific skills and enquiry (Year 3/4)**

* Ask relevant questions and use different types of scientific enquiries to answer them.
* Set up simple practical enquiries, comparative and fair tests.
* Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers.
* Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables.
* Gather, record, classify and present data in a variety of ways to help in answering questions.
* Identify differences, similarities or changes related to simple scientific ideas and processes.
* Report on findings from enquiries including oral and written explanations, displays or presentations of results and conclusions.
* Use straightforward scientific evidence to answer questions or to support their findings.
* Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.

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| **Possible Scientific Enquiry Questions…** | |
| **Observing over time** | **What would happen to your teeth without brushing them? Observe an egg shell (the enamel of your teeth) left in squash or fizzy drinks.** |
| **Pattern seeking** | **What happens to health when living things have a good or a poor intake of nutrients?** |
| **Identifying, classifying and grouping** | **Can you identify which animals are vertebrates and which are invertebrates?** |