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| **\\server\Userdata\Staff\Home\sch8752707\My Pictures\logo.jpgThe Oaks Community Primary School**  **Year 4 – Animals including humans** |

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| Famous Scientists | |
| **Al-Jahiz (9th century)** | Provided one of the earliest descriptions of food webs. He was working in Baghdad, Iraq, in the early 800s. |
| **Charles Elton (1900 – 1991)** | Initiated the study of animal ecology |

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| **Key Vocabulary** | |
| **Spelling** | **Meaning** |
| Producer | **Producers** are organisms that produce their own **food**. Plants and algae are **producers**. They are at the bottom of the **food chain** because they are eaten by other organisms |
| Consumer | Primary consumers are **herbivores**, feeding on plants. Secondary consumers are the animals that eat the primary consumers. |
| Predator | An animal at the top of the food chain with no natural predators. |

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| **Key Knowledge** | |
| What is the digestive system? | The digestive system is made up of organs that break down food into protein, vitamins, minerals, carbohydrates, and fats, which the body needs for energy, growth, and repair. |
| Teeth you need to know | 1. Incisors are for cutting, so have a flat front and a ‘chisel-shaped’ back.  2. Canines are pointed and allow food to be pierced.  3. Premolars and molars have rough. Squarer surfaces, ideal for chewing. |
| Food chain information | Plants are the **primary producers** in a food-chain. A snail is an example of **a primary consumer**. A centipede is known as a **secondary consumer.** |

**Key Questions**

What is a predator?

What is a food chain?

What are the names of the different types of teeth?

How does the digestive system work?

What do animals in our wildlife area eat?