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| **F:\Learning bugs\Foundation Subjects\Dolly the Fly - Science.jpgLyng Primary School Knowledge Organiser** | | | |
| **Topic:** | **Science**  **What are the life processes of living things, where do they live and why?** | Year 2 | Autumn Term |

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| **What Goldilocks and Step On words will I use?** | |
| **Spelling** | **Definition** |
| Carnivore | An animal that eats meat. |
| Depend | If you **depend** on someone or something, you need them in order to be able to survive **physically.** |
| Food chain | A series of living things which are linked to each other because each thing feeds on the one next to it in the series. |
| Habitat | The natural environment in which an animal or **plant** normally lives or grows. |
| Herbivore | An animal that only eats plants. |
| Excretion | How living things get rid of waste. |
| Life process | Functions of living things. |
| Nutrition | How living things get their energy to survive. |
| Predator | An animal that eats other animals. |
| Prey | An animal that is eaten by another animal. |
| Producer | A living thing that makes it own food. |
| Omnivore | An animal that eats plants and meat. |
| Reproduction | The life process to create new life. |
| Sensitivity | How living things respond to its environment. |

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| **Unit outcomes** |
| * Ask questions to further their knowledge. * Recall some life processes, giving examples of how they apply to plants and animals. * Classify objects into alive, never been alive and was once alive, giving reasons for their choices. * Match different plants and animals to their habitats. * Give examples of how animals use their habitat for food and shelter. * Recall that plants produce their own food for energy. * Name living things that are producers and place a producer at the beginning of a food chain. * Use arrows to show the order in a food chain. |



“An understanding of the natural world and what’s in it is a source of not only a great curiosity but great fulfilment.”

-David Attenborough

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| **Key skills** |
| * To ask simple questions, recognising that they can be answered in different ways. * To classify objects into groups. * To gather and record data in a simple table. * To carry out research to find answers to questions. |

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| **Key questions - sequence of learning** |
| * What do all living things do? * How do I know if something is alive, dead or has never been alive? * What plants and animals live in different habitats? * How does a habitat provide what an animals needs to survive? * How do living things depend on each other? * What is a food chain? |

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**Useful information**

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| **F:\Learning bugs\Foundation Subjects\Dolly the Fly - Science.jpgLyng Primary School Knowledge Organiser** | | | |
| **Topic:** | **Science** | Year 2  Animals Including Humans | Autumn Term |

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| 1. Which of these is **not** a life process? | **S** | | **E** |
| enjoyment |  |  | |
| nutrition |  |  | |
| excretion |  |  | |
| movement |  |  | |

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| 5. What do you call a living thing that produces its own food? | **S** | **E** |
| prey |  |  |
| predator |  |  |
| producer |  |  |
| omnivore |  |  |

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| 6. Place these in the correct place to create a simple food chain: |
| **Start of unit:** |
| **End of unit:** |

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| --- | --- | --- |
| 2. Which of these has been alive? | **S** | **E** |
| chair |  |  |
| paper |  |  |
| bottle |  |  |
| coat |  |  |

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| 3. What does habitat mean? | **S** | **E** |
| What someone plays |  |  |
| Where something lives |  |  |
| When someone is happy |  |  |
| When there is lots of rubbish |  |  |

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| 4. Which animal is a predator? | **S** | **E** |
| hedgehog |  |  |
| owl |  |  |
| mouse |  |  |
| bunny |  |  |