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| St Julie Catholic Primary School - Science | | |
| Topic: Animals including humans | Year: 2 | Strand: Biology |

**Sticky Knowledge**

* **Know** that there are different stages of stages of human development -baby, toddler, child, teenager, adult and elderly.
* **Know** another animal life cycle – butterfly.
* **Know** the names of some baby and adult animals.
* **Know** that food can be sorted in different types of food (main food groups).
* **Know** that to grow into a healthy adult, we must eat the right types of food in the right amount and exercise.
* **Know** that to stop illness and infections spreading, we must be hygienic and keep ourselves clean.

**What should I already know?**

* Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.
* Identify and name a variety of common animals that are carnivores, herbivores and omnivores

**What will I learn during this topic?**

1. Animals and humans have offspring that grow in adults.
2. Animals can lay eggs or give birth to live young to reproduce.
3. The young of some animals do not look like their parents e.g. tadpoles
4. I can name the three things that animals, including humans, need for survival (air, water and food).
5. That humans need to eat a balance diet, exercise and have good hygiene to grow and be healthy; and give some examples of these things.

**Scientific Skills**

* I can perform simple tests and experiments.
* I can collect and record my results to help me answer questions.
* I can identify and classify.

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| **Vocabulary** | |
| Adult | A fully grown up animal or plant. |
| Develop | To grow and become stronger. |
| Life cycle | The changes living things go through to become an adult. |
| Offspring | The child of an animal. |
| Reproduce | When living things make a new living thing of the same kind. |
| Young | Offspring that has not reached adulthood. |
| Live young | Offspring that has not hatched from an egg. |
| Dehydrate | To lose water (dry out). |
| Diet | The food and water that an animal needs. |
| Disease | Illness or sickness. |
| Energy | The power needed to carry out a task. |
| Exercise | A physical activity to keep your body fit. |
| Germs | Bugs that cause disease and illness. |
| Heart rate | The number of times a heart beats in one minute. |
| Hygiene | How clean something is |
| Nutrition | Food needed to live. |
| Pulse | The beating of the heart that can be felt in your neck and wrist. |

[](https://www.google.co.uk/imgres?imgurl=https%3A%2F%2Fcdn3.vectorstock.com%2Fi%2F1000x1000%2F66%2F52%2Flife-cycle-of-male-and-female-different-vector-18656652.jpg&imgrefurl=https%3A%2F%2Fwww.vectorstock.com%2Froyalty-free-vector%2Flife-cycle-of-male-and-female-different-vector-18656652&docid=qerl4PcPRWT_YM&tbnid=EZbTMkCME6yQhM%3A&vet=1&w=1000&h=791&safe=strict&bih=494&biw=1093&ved=2ahUKEwitj_75pNTmAhXh8OAKHU3XDCcQxiAoC3oECAEQKg&iact=c&ictx=1)