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| **F:\Learning bugs\Foundation Subjects\Dolly the Fly - Science.jpgLyng Primary School Knowledge Organiser**  |
| **Topic: Science**  | **Animal including humans: lifecycles and health****What are the stages in life for animals and humans?**  | Year 2  | Spring Term  |



**Key knowledge**

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| **What Goldilocks and Step On words will I use?** |
| **Spelling** | **Definition** |
| Health | How the body feels. |
| Hygiene | Keeping things clean.  |
| Life cycle | The stages an animal goes through to become an adult.  |
| Offspring | Young animals or plants that produced by parents.  |
| Survive  | To continue to live.  |

By the end of the unit, to know:

* That baby, toddler, child, teenager and adult are human life cycle stages.
* There are differences in the life cycles of different animals.
* Humans grow as they age.
* The basic survival needs of animals are air, water and food.
* Personal hygiene prevents the spread of germs.
* Washing our hands and changing our clothes are ways to keep clean.
* Exercise can improve performance and well-being.
* The five food groups are carbohydrates, fruits and vegetables, dairy and alternatives, protein and oils and spreads.
* Humans require a balanced diet to stay healthy.

**Notable Scientist:**

**Charles Darwin** – English scientist known for his contributions to evolutionary biology.

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| **Key questions - sequence of learning** |
| * What are the different stages of the human lifecycle?
* Which offspring come from which animal?
* How do we measure growth in humans?
* What are the basic needs for humans and animals?
* Why is it important to exercise and have good personal hygiene?
* What do we need in a meal to make a balanced diet?

We will conduct an investigation to find out: **If the older you are the taller you are?**  |



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**What will I know by the end of the unit?**



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| --- | --- | --- |
| 1. Tick all the things that all animals need to survive
 | **S** | **E** |
| Water  |  |  |
| Exercise |  |  |
| Air  |  |  |
| Food |  |  |

|  |  |  |
| --- | --- | --- |
| 5. Which one does a human not need to survive?  | **S** | **E** |
| Water |  |  |
| Sweets |  |  |
| Food  |  |  |

|  |  |  |
| --- | --- | --- |
| 4. Place these in order of how they happen in the life cycle of a human:  | **S** | **E** |
| Elderly  |  |  |
| Toddler  |  |  |
| Adult  |  |  |

|  |  |  |
| --- | --- | --- |
| 2. How can humans keep healthy?  | **S** | **E** |
| Look after animals |  |  |
| Exercise  |  |  |
| Balanced Diet |  |  |
| Medicine when given by a doctor or nurse  |  |  |

|  |  |  |
| --- | --- | --- |
| 3. The word offspring means….  | **S** | **E** |
| A person’s or plant’s young |  |  |
| A form of gymnastics  |  |  |
| To go on and then off  |  |  |
| A season of the year |  |  |

|  |  |  |
| --- | --- | --- |
| 6. Which one is not hygienic?  | **S** | **E** |
| Washing your hands before eating. |  |  |
| Sneezing into the crease of your arm.  |  |  |
| Not washing your hands after going to the toilet.  |  |  |
| Binning a tissue once it has been used.  |  |  |