

What I need to know: Y5 Science –Life Cycle of Animals

We nurture the curiosity to learn, the courage to lead and the compassion to care.

Name:

Class:

For this half term we are learning about the life cycle of animals including humans, comparing the life cycle of mammals, with insects, amphibians, and birds. We will be comparing gestation periods of mammals, looked at the process of metamorphosis in insects and amphibians, and discussing the similarities and differences between the life cycles of different categories of animal.

| What I will know... | ✓ | Start | End |
|---|---|-----------------------|-----------------------|
| The key characteristics of mammals | | <input type="radio"/> | <input type="radio"/> |
| How to recognize and name some well-known mammals, including humans | | <input type="radio"/> | <input type="radio"/> |
| How to explain the key phases in the life cycle of mammals | | <input type="radio"/> | <input type="radio"/> |
| How to explain what a gestation period is and why some mammals' gestation period is longer than others. | | <input type="radio"/> | <input type="radio"/> |
| How to explain, in general scientific terms, what needs to occur in order for any species to reproduce. | | <input type="radio"/> | <input type="radio"/> |
| The key characteristics of insects. | | <input type="radio"/> | <input type="radio"/> |
| How to explain the process of metamorphosis and identify at least 2 animals that involve metamorphosis in their life cycle. | | <input type="radio"/> | <input type="radio"/> |
| The key characteristics of amphibians | | <input type="radio"/> | <input type="radio"/> |
| How to explain the life cycle of an amphibian | | <input type="radio"/> | <input type="radio"/> |
| How to compare the life cycles of different categories of animal. | | <input type="radio"/> | <input type="radio"/> |
| How to explain certain characteristics of chimpanzees and make comparisons with their close mammal cousin - humans. | | <input type="radio"/> | <input type="radio"/> |

| Skills I may use... | |
|---|---|
| Remember: name, identify, describe | Analyse: investigate, infer, select, clarify |
| Understand: predict, recall, interpret | Create: plan, design, construct |
| Apply: use, show, relate, demonstrate | Evaluate: compare, assess, judge |

| Vocabulary I need to know... | | |
|--|-------------------------------------|--|
| 1. I have heard the word, but I don't know what it means | 2. I understand what the word means | 3. I can explain what the word means and give other examples |
| Life cycle, stage of life, time period, pregnancy, gestation period, mammal, egg, sperm, reproduction, birth, death, infancy, childhood, adulthood, old age, insect, metamorphosis, amphibian, bird, Similarity, difference, adaptation. | | |

| Opportunities to support English and Maths |
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| Curriculum Links and Enrichment Activities |
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| • British Science Week (10-19 th March 2023) |

Respect

Responsibility

Reflection

Resilience