

## Year 5 – Summer Term: Do all plants and animals start life as an egg?

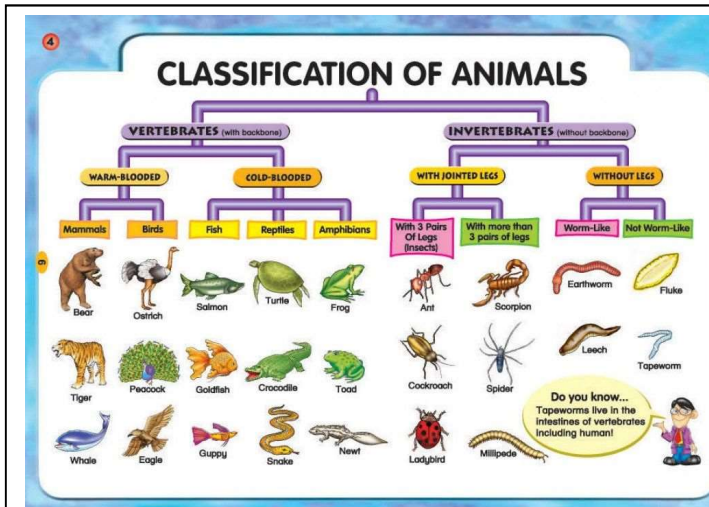


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|--|---|--|---|
| <b>(Sc) Humans and other living things:</b><br>What are the stages in the human life cycle?<br>Is there a link between the size of a mammal and the length of time it is pregnant?<br>How are babies made?<br>Which animals lay eggs and which give birth to live young? | <b>(Sc) Environmental:</b><br>How do animals depend on each other for survival?<br>How are different animals adapted to their own habitats? | <b>(Sc) Changes and reactions:</b><br>What changes does the human body go through during its life cycle?   | <b>(Sc) Processes:</b><br>What is puberty?<br>How do plants reproduce?<br>How do animals reproduce?<br>What are the reproductive parts of a flowering plant?<br>In what ways are the life cycles of mammals, birds, insects, reptiles and amphibians the same and different?  |
|  | <b>(Sc) Health:</b><br>How long is a human pregnant for?<br>How can we stay healthy?  | <b>(Sc) Working Scientifically:</b><br>How can we sort animals in different ways?<br>How do plants spread their seeds?<br>How soon are different animals independent from their parents? |   |
| <b>Computing:</b><br>How can we use branching databases to compare and classify different types of animal?   | <b>Art and design:</b><br>Who was Georgia O'Keeffe?<br>How can we recreate art in the style of Georgia O'Keeffe?                            | <b>Design Technology:</b><br>Can we design and make a bag to keep an egg safe?   | <b>Geography: geographical skills and field work</b><br>How can changes to the local environment affect the animals that live there?<br>What are invasive non-native species and can we find any in our local area?<br>Where is the world have these invasive non-native species come from and how far have they travelled? |

| Asking Questions | Observing | Making Predictions | Setting up Tests | Recording data | Evaluating | Communicating Results |
|------------------|-----------|--------------------|------------------|----------------|------------|-----------------------|
|                  |           |                    |                  |                |            |                       |

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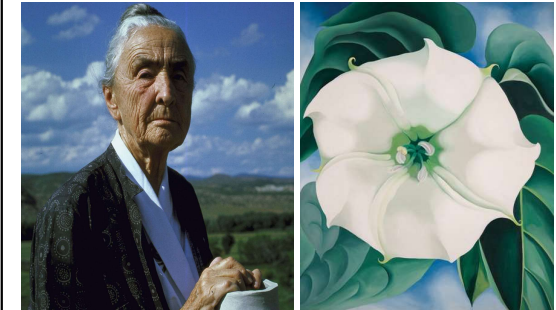
| Key Vocabulary |  |
|----------------|--|
| Life cycle     | the sequence of changes that a living thing goes through as it grows and develops.   |
| Amphibian      | a small animal that spends part of its life cycle in water and part of its life cycle on land.                                       |
| Mammal         | a warm-blooded animal with fur or hair on its skin and a skeleton inside its body. Mammal mothers produce milk to feed their babies. |
| Reptile        | a cold-blooded animal with a skeleton inside its body and dry scales or hard plates on its skin.                                     |
| Puberty        | the stage or age at which a person experiences the maturation of the reproductive system.  |
| Reproduction   | the process by which living things create young or offspring.  |
| Gestation      | the time that an organism spends developing in a womb, egg, or the like before being born.   |
| Viviparous     | giving birth to live young, as opposed to laying eggs  |
| Oviparous      | reproducing by means of hatching eggs outside the body of the parent.  |
| Sexual         | processes of reproduction that require both a male and a female of a species.  |
| Asexual        | Reproduction which does not require a male and a female being together.  |



We can classify animals into different groups to find out more about them.

## My Questions about this topic:

## Georgia O' Keeffe



Georgia O'Keeffe was an American artist. She was best known for her large paintings of nature, especially flowers and bones.



Some plants and animals are invasive and can cause problems to local plants and wildlife.